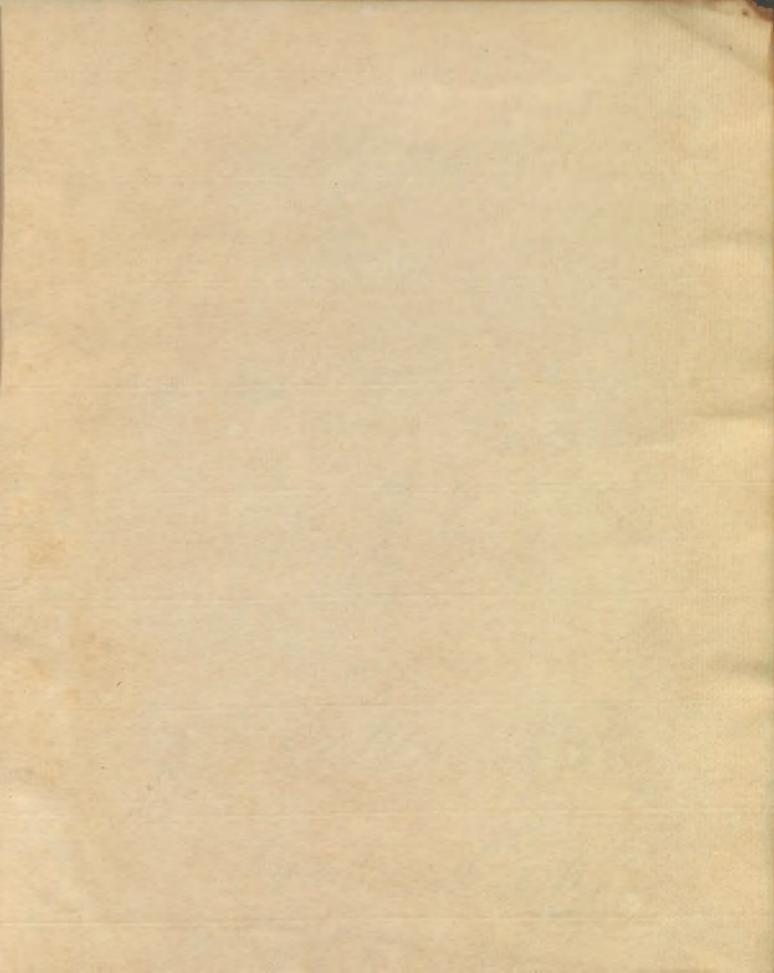




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Lectures upon the Pratice Physick W. Gullen M.D. Edinburgh. 1769

Manuscript 1 ph cont History of Physic

History of Physic.

I hall now, Gentlemen, proceed to deliver a Course of detheres on the Practice of Physic, & previous to our entrance on the Subject, I shall prosecute the usual method of delivering a history of its. pragrefs, as far as we can with certainty collects from torsters in the carliest ages. a History of this nature on a subject that is to be our Hudy must be equally amusing & instructive; and to observe the dawnings of Science, with the slow, but gradual, improvements of our ancestors, in every successive age, much excite the ambition of the Student, seprove a motive sufficient for an attempt of still further discoverys.

I was formerly, from similar considerations, induced to deliver (in my Institutions an actionated to deliver (in my Institutions) an actionated of the Revolutions in medicine, with the several Secto Vsystems that prevailed among Physicians — This I have reason to presume you are sufficiently acquainted with, and hence I

shall wand the examination of this & morely confine mejeciff to the the state of practice; the formation the true and of which, as to its diversity in disponent acre, is a detail that may with more proposedly be interpreted at a state of any lowers.

Of the Rate of Practice, as it occur in

In the early periods of deciety, when men haver as yet attained to no litely of Civility & Belinement, necessity, the mather of Propose. We with have given vise to the introduction of Physic. Wer, in this uncultivated state being nowed by a sense of painful Impressions, are promised by the die false of patural instend to make random estorts, but first unsuitable exertions, for their relief These random estorts, when spantaneous cures estoclade hy hature, have produced a species of Irt, which we demanded the Matural state of Physics.

On the pocusiar Character of Physics in this state

Ishale only make a four reflections.

Many and disposed to admit this Matural State of the Art, of they sie, as the Origin befind downing of the Art, to have employed it to proceed to the oreal langths in the number beficacy of their temedies. But

this I am inclined to imagine is rather founded on a love of Arliquity, Waltachment to Empiricism, than on accurate Observation; for in this state no a discernment of diseases to their different Symptoms can obtain, tool correquence no proper applications of remedies can be made: the Art altogether consists in the powers of the remodies on blouged, for a which have been found offecare and in the prace

tice of modern physicians.

From america the materia medica has been stored with nume rous deldehons, all of which have in their turn been the objects of general admiration; but unequal to the lest of Experience, their credit him declined, wheel one no mound that ments the appet lation of a specific remedy. - In the High and a natural state of Physics is supposed to premit but its succes detende monely on accidental circumstances; cures may no objected, but, hist the are merely fortuetores, the following instance will bersuficient to prove on the Sughlands Jacci donlary met with a luman carrying a quantity of the common Digitales or Joe glove, buton enquiry discovered that she red ministred it for a mania. the hurhose of the tooman could our douting be lound. ed on no Experience, but was movely a random

trial wethout the Peast knowledger of the aperation of the Medicine.

The matural that of Physic is without any accu rate discernment of diserses, the requisition of wich with require Collabions of the absence tions of many different agos, & hence can only subsist in improved Society. The moil of natural physicanders y consist. in the dinocolodies of comodies, but it is veen depreved of this advantage ; (but it is even depriv od of this advantage to, from reperience of their ineflicacy, they have be musto to in antalions, ini mans, with arms; bethis dring y inthice an ignor garne of Treto homodies.

A second condetion of Physicis,

When the itris and under the influence of the Me.

misterial Reliaion.

In the ages of Superstilian, when mankind are) subjected to the influence at a few art ful man, learn ing from political motions, wire be confined to a smale circle. As the Object of Priests is to all rant the aure was miration of manhind, the means to affect this is to heep up the Sancrance & Barbarism of their Inferiors by preventing the general diffusion of Learning become injung it morely to the melves,

The trilgar, in whom the smalled afficarance of deience creates the greatest admiration, being ignorant of its extent, immediately conceive it to be untimited breedeem its professor to be supernatural being the rior to the rest of mortals.

In this general monopoly of Seience, Physic, so adapted from its offect to support the Houstion of the Briests, was of too interesting a notine to are it. their allertion; accordingly in Coyphit was inseparable from religion, to the directors of the sa ened functions mere sufrerintendants of the sick I to theses alone was permitted a liberty to practice. The circumstances of the Myghtian physicians practice ing according to the books of Hornes gives us so contemptable africion of the state of physics among them that it suferceder ale further enquiry. Nonny under his farm - Freutapines seems to have introduced it into Greece Jo the Superstition was not so predominant among the Graceans as the Mayhtians, yet the practice of the Priceto coposed them to no smale inconvenience. The Physicians being equally dispensers of Speritual as well as booily re medies had not sufficient loienres to ensil Moin palants, who palant was under a necessily

of resorting to the Temples, hence the Inspection of the prices must have been confined to Chronic cases. Upon the whole it appears that Coulahius whis colompararies possessed little more knowledge in (Thysics than is to be found in its natural state. The can discover no traces of their proceeding, upon any regular plan when reliance that was upon any regular plan when reliance that was planted on dispossible ous remodies subjectedly eninces planted on dispossible who of their proceeding.

The trouble Aroven the implosability of the patients we sorting to the Semple, soon produced regular Mysicians on a plan not greatly different from the
prostitioners in the present period. This we shall

She artificial State of Physic.

At what provided Physics began to ber cultivated as an Art we are entirely ignorant, it's first apportance in that form were some what provides to the times of Stippocrates. From the territings in puled to this relativated personages we are enabled to form some fudgement of the condition of Physic. In that he root it was considerably admined and purged from the Abscrirely with which it was formedly enwellands, here we find discussed

(discusses) arcuralely distinguished bode nominated, many apparations or general conclusions formed, many difficult operations in Surgery described, becarious remedies both simple becompound discovered. Great regard is hores paid to becording the with a clearnefs by perspicuity that is astonishing form early a period; and to alle this there are many appearance of dyslem to unite the see were hards.

Not with standing this howover the practices of Steppecrates is involved in great obscurry, his fly arising from the Interpolations of manuscripts being from the Interpolations of manuscripts ficient testimony from the turitors of succeeding ages to denominate the merit of Steppecrates indisputable.

An important part of the chanceler of this porior is the first prosecution of Physics on a Dogmatic)

plan; but the state of anatomy browny other hart

of Matural h nowledges was so inaccurate that few

attempts o suld be made towards the ostablishment

of a regular plan of Dogmatism, behave apprate

the fally of the moderns in quoting the procrates an Physiologiene subjects. In somes respects indeed The any was applied, a general dystem was simed at & harticulars connected, wan this plan gono: ral indications unever farmed. This practice esces founded on the maxim that diceases averse from redundancies, behonce a general Indication cerces formed to remove these by Erracuante. This was but a frant of the general his neighter that has railed of discuses being cured by their opposites, contration contraines medentur; and Hephocrates was quided by the his halura the Anotheria, as rules that was formed by which det was distrustad and hature ourony urhord for Course

The Dogmatish housever have not on every or encoury occasion avoided the abuse of Theory or incomsistencies of System; a loo great attachment to principles falsely founded may be quently lead to dancerous errors in practice; but this, they an oppose, is by no means in consequence of Dogmatism; with due attention it may be assisted in the precarious & uncertable in the precarious & uncertable in the precarious & From the time I Ship pocades They icians were Dog matists, whon mo then arone much cochraled in the annals of antiquity I Indisiderates made many discoveries in antiquity I Indisiderates made many discoveries in antiquity to considerably improved that Science life there in its interney, become made so were attempts in Physiology, but was invensible to the hadrofs of their town taken or the uncertainty of their application in principle; to was ded, from Theory to neglect hire of the most coldrated nemedies, be becaling four ins were astroned to mention, be becaling four ins were astroned and aluse of the most coldrated from his preselve a natural convenience of an allact ment or disregard to general semedies.

Theory in general, it not persectly complete; is all moter with the incourse nience of giving vinese their behindly in hearties; from this theoretical limitity may probably be recoverated for the new ylocal of purging in Invistration & his continues himself to a low triegs.

She ather, Hieraphilles, were accurated in des. She ather, Hieraphilles, were accurated in des. section; he cultivated the Mudy of the pulse senting hards of Pathology, he was originally a Dogmatic, System was every but distrusting his Logmatic System was every but distrusting his Logmatic System was every where busy in the search of mens comedies. A too untent.

Theory, leable to absess, becauses a neglect of System, bhas an instimate lendency to the provecultion of a random Impirice at practice. In this case the fropensity to Impiricism soon appeared by the establishment of that beet, with might have been expected from the lotal Subsection of Theory and teasening that a different state of Chepies might be given by the Empirics. But these on the continuy have mades not the least improvement in the history or discovery of discases, neither have been dies superior in checase, been produced, or the use of these formerly employed better ascertained.

I shall now proceed to some reflections on thes
different forms the Gractice of the sie has a towned.

I yesterday look notice of the arbent state of Cysic
as it occurs in every country in an early period of
bociety. It is little worthy of our allentian indeed in
this shate, as in every uncivilined society we are core
hain of meeting with some traces of the preference ship.
of Coasants in the cure of diseases, the mentioned
it likewise in a more refined for ion where its
was connected with Religion; but in this state is

is apparent from the Greeks to legistians its condition was little improved. It house confounded with secred matters is by no means peculiar to the Male one in which we have ocamplified it, for in the wordern Intiere the Devilds were Prosts, Lawyers, be Appicians, among the former the volue Sablets in the Semple of deculapines were the voles fulles of their fornetice from these were formed dinient fractioners, from whome were the Artificial states

A has been disputed whother this state of Physics was Dogmatio on Imperior but Dr Boorhannes had protty clearly deceded this pount behas summed up a view of Physics at his a view of Physics who had a siew of Physics at his

portod.

Of present we shall investigate come recumstances that recasioned a further change in the hractice of Physic, and here we shall advent to the introduction a mong the Romans by aschafinder.

The Romans, being perhetically engaged in wars, with their neighbours be employed in the line and, had originally no state of Physics, In attempt had been made to introduce Thysics to Surgery by Andros galdus En but the Gracian art was too refined for

so rudes a people as the homans at that period_ accordingly it was found impractible; but whether the accounts of the banishment of the fracian Orlis's and to be depended upon is uncertain, the Bomans however conceived an aversion to il wappered the introduction. Someteme after, it were introduced by Usefolicades from Greece, & the altented to the proju dicas of the people, her avoided molentremedies de followed the provided of Frasistralus. This method was outh siently agreeable to the framans who were now arrived at some de grown of Luxury like projetical to curo, luto, coloritor, ac ficunde; his ind way remedies were Friction, Exercise, Alline. This is the practice that is most thonly to hoornie among the Luxurious frant of mankind, but itis manifostly pernicious to the art, for in fuch a state placetos wille abound i superce de the raininistrafrom berdiscovery of more officaceours no madices. Asolopiades maderuser of a specious heavy drawn from the Philasaphy of Lucrotius wothers of that age, which was afterwards adopted by homison his follower. Themison considerably abridged the System of his master bodaletished the mothadies Soil . These

to their new modellad dystom all when the milds and inorth produce of Melipiades, was theirs was the only reputable doct the serprinciples universally provided lite the time of GATEN. Suro men hours several more liberal dentiments that flour kished al this period must be ma means be smilled. 1. Colours, Inena from a noble family be not distined by protofion for a Physician, was free from at. La chmont to the thools, wundendured with the principles of particular set; he aimed at nore general mours, & is as her lock upon the whate as as was compatible with such an early ported of the Art. 2. Archaus lappadacine was of a bot on Contho Downatie, and his protice appears to have been in the hest condition, his applications broker with out allackment la any harticular moder of brachice unawed by Theory his practice was firm to land, browery Merrichy, moderal or thingreeal, he Galen. employed.

Herard now arrived at a point whore we shale find Physic to be more stordy be los hund by the extravagance of Sectaries, Galon protonded to

follows the spractice of Steppocontes traccordingly mades but four material Alterations in the Art.
The System hes delivered free from the specialists of any vect and admitted every improvement for minerale affected; samplines her employed the imprincism, at others Dogmatism, and upon the imprincism, at others Dogmatism, and upon the

The System of Theory however was founded on how na mow a bottom to was a considerable impediment to practice, to the improvement of the latter kept no process with the duration of the former who who started for 1000 years. After him successionly arose Philosophers of repetation to the number of 3 orts whose writings remain, but are the less naturable as the model of their produces was the same with the falonical.

The ages of Galen was followed by a decline of litera lunes for horal abolition of it in the trestern impire? In such a state of learning, Physics must necessarily, have degenerated with the tost of the arts beliences. In the 9th Century after the Phristian Ara, the arabi ans are see them braced the Galenical System, walther a stifference of Himate produced an alteration of Bembers

Premedies, yet the difference from the original dystem of Gulen were immaterial. The turopean Physicians from the 12th to the 15th Century again reviewed, but these weene) repuile imitators of the Arabiano, fellered down to a Ly tom of The my, their prostice was equally enert is terred with their originals. At this period the state of the decines was at the lowest obb, brothing but the writings of the arabians were extant allength the Brothes at Galen & Sipported were restored & the Ara brand having in some things differed from the Greeks woofent diffentions arrose & partizans appeared in Janouer of the different Schools; honce arose the famous controvery about bloodletting which improved con vederably the practice in the 10 Contury. Allongthe however the party of the Greeks provailed & the arabiand were gradually neglected notwithstanding the system of each mas Galenical.

In the 10th lentury some doubts arose in opposition to the prevailing System. Argenterius criterizedys to the prevailing System. Argenterius in consequence) len to a considerable Schism was in consequence) formed in the School of Physic a greater shock was however necessary to disgrace it, when Caracelsus however necessary to disgrace it, when Caracelsus by furious declamations against the antiente of posed these perery other teader in physic, himself posed these perery other teader in physic, himself

intending to become the soles bracles. He soon acquined partinans beforemed a Sect; whence the division of shy incians into the mests & Galenists, & from his line tile, the middle of the 17th Contury did Shy sicians ad here to one or other of these tock.

The practice in each was extremely deferent; The hemists brusted solely to the power brefinacy of their remedies to degeneraled into more Impriries. The princes to opposed the remoders of the former, In their friends of posed the remoders of the former, but stipe practice upon the whole was superior, but stipe

In this state did they remain lite some circum stances happily concurred to the destruction of these stances happily concurred to the destruction of these dects; a spiril of literature arosa to doubts were a conceived with respect to the validity of the Aristotelian conceived with respect to the validity of the Aristotelian dystem. Alternates by Morel and Galielas were made to introduce a new philosophy & a method of made to introduce a new philosophy & a method of while work hizing by soperts which forwed fatal to the falonic of Aristotelian Systems.

The Chomists, as favourable to Seperimental Che Cosophy, words here cherished & admired, win then so Conterny the system of Galon was in general distribute. The Chemists accordingly professed the supported with the Schools, and the downfall of Galon may be dated

from the reversal of the deence against antimony by the faculty of Chinis. The discovery has of the course of the thyle by acillius, followed by the slile more important mer of the circulation, subscribed the doctrine of balon on the liver & hastened his destruction.

The themish more in possession of the chools became gradually more dystemated, but could never be stilled me n of liberal & comprehensive views. Every thing was resolved into an acid & an alkali Where superceded the use of other remedies. The larlesian philosophers took up the chemical doctrine of thy sic, and these were the first that introduced the

The effects of the dogmatic dystem did not on much depend on the peculiarities of the Dogmas as their baing limited in their views to the Unimal system.

They rejected remedies to excluded Experiments, by an attention to which the accepted on either side might have been corrected, and in these executions might have been corrected, and in these executions every system since the rage of Stipportales none;

The physicians universally both andent kindern moultorled the Organic bystem projected overy thing to a temperies of the flerids. The Galenists were enterely

- jected the doctrine of Pethana.

The physicians housever in the middle of the 17th century, when the doctrine of the circulation were fully established, were under a necessity of adopting the Organic System, where the mechanicale be Carlesian philosophon were blended together & this desten of Mysic began gradually to enforge. hors housever it received a check from this mistakes of Sylvens & Stmuller, till a fortunate accident gave a new him to the practice of Physic. Syden. ham, bred to Physici betreefrom the narrow wieny of Jocks, set out with the doctrine of Auros gorsia, proposed to form a deplem from observation. Her was more employed in observation than any one since the time of Hitchocoreles, & felo governed by The ory than his prederefered, her her then sought for The any lo unite his observations under general. heads than for facts to confirm his heary . He had no general destem of Cathology, beet formed a bar: licular one, at least for every gones of desease! Lyben. ham was followed by pasterily, wat presentevery one is ready to reject Theory & adhere to good to accurate observations; & forachiteners at present are mon that have the mout outensive vicuri of the Anemal

Morning Mornomy and who apply it with proprietes, allowing observation to correct every part of their

Soon the example of dydenham wher influence of the mous method of Chilosof hising, Physics has been cultivated without attacharent to any beet, but it much however he allowed that the peculiar Dog mas of every dystem must home an influence on the properties and the properties of the followers.

Thane now reduced the distory of the Practice of the sie, so far as to give a notion of its general form in different ages.

The practice of Asolopiades was conformables to
the luxurious ages in which her lived for motorn to suce a
a serie or practice occur in modern times; it was
the maxim of Ahysuian in dondon never to just
from to his patients, to me have an instance of his
secondly representation a Surgeon of his own recommondation for the pain that ensued from an ahero
tion. But how measures the pleasing to the patients
to miled to the popularity of the Physician, ares by
no means adapted for the infrastement of Physic.
The plan that halon followed was cortainly betten
to was master of the facts, but unhapping for butten
fielding into weak seignorant hands must have

orident lendence to enervate &correlet the Gradice of Physic. This accordingly happened to therefaleriels, and in an after period the fung of Paracolous was of user in vousing the dethargy of manhind, the inno wations balmast total afterntions of Paracelous it is notural to suppose) would meet with apposite on this accordingly produced two shories of reclanes the chemich byalonists. The farmer con feding whole in the officerey of their remodies were unarquainted with the nature of discuses bened. their practice was rand on from hinral. The practice of the galonich upon the whole was superior, but. their ramo lies weres forther bring; to being however heller acquainled with diserses krafololad by the operations of nature they were probably more auccefoful.

the many Improvements in natural knowledges the practice of Physic was relativished on a better frozent improvement convists in a better horry of plied with discretion to so a casionally corrected by stressoration.

Anannas of overy bystem much have an influence of the following, and an this to

the shief Systems in Burnete that may in theores.

La Waahl.

This dipolom appointed lowards the conclusion of lash Contury & made a considerable progress in for many be several harte at Surapo; it flauriched with considerable socialistion liter with in the er 20 cms, sincer which is has declined begines way to the in tradeich on of other declined begines way to the in tradeich on of other declined by pieces way to the in tradeich on of other declined by the poeuliar Doomas or with the standard is the tendency of Privates

The Auroseguraia of the hatime mediestrice has alman hon a describe in physic hel was from tientally extended by Macht this followers.

The Machines of the body recounder the reminister the fraction of the rational dout to that the influences of this is not reconsarily or mechanically derected to the state of the employees that he but is adapted for the preservation of the body in a marnet a squeentile to the said general of the Jones, on these principles then were od to dony the mechanimof the body with depreciator the study of Analomi.

(Contrary

Torrest !

* Innhera Cansportus Therapeutices, where Jacht gives in account of his system & his parages in faming it; foros to achinous ladge that the shaves the stand has in Norozgave in is very little anneemed in his dystom, when that her probases some metaphysical yseshars, where the hought it necessary to och ain humosif. -

Contrary to this; some philosophers suppose, all) the motions broffertions of the long are maferial, brokend on mechanical connection, to to this chais de the Anablians uneversally referr ale that diargree) in their relending the pourers of the done. But between these astrones a modern is to be alwering Krouch was the opinion of Hippocritos, Boenhause, Halver, & Why I & with the so thourise coincide. The general application housever of the Auroagurera is the amountatown explanation you at here la, whether according to Hat man as Maakl, Imevely distances of the iniversality of the doctrino be it's untimited octont in practices The fallowing of Saahl indeced houses hushod the doctrine of nature to a longth that their master is far from authorizing A hafinger from the original, will show his opinion in a light not commonly mound in

This System has led it's followers to study dis eases with accuracy, but from the apprehension of interrupting the objects of nature their home lices was feeles to inert. They were sweets to the flow as ministration of Spium Bark to other powerful remedies builtoduced others of the most superstitions mature.

They suppose that the most unwerest fault of the Animal Be concerny is it tendered to the the there is a the source of the most for microus tendency between the been of the most for microus tendency betwee conscious tendered bear conscious tondered bear conscious to has proceed the source of the soil be the standard for the standard in general have the street the street the street the street the street the street and sole the street and the street the street the street street the street the street and sole the street and sole the street and the street as t

The toste for Mutural Philosophy that provailed in the last contury had considerable in fluences on Physics. Mathematics were applied to the human body, and the coeplanation of the circulation by those became the fashionable mode of heasons ing. The tartesian Philosophy is the framing of hypothese were captaded by the more accurate method of induction from Seperts alone substated. Sydenham was now in a special manner recommended by universally followed lives at langth to the more application affects alone adjusten

that is now the object of universal attention.

Brethanie with the Advantages of a Sound Judgement & unbourted genius, were peculiarly felled for the retormation or physics. Le adopted the Sestom of Bolling be culted every thing that iens waluable from the homests & Carlosians. Horganon blince to the dystoms of Hit poenter &. Fire istratus becaucifiated many facts beach mions, buithirt gaver an ingenious tern to the doctrines of the methodic deel. He is called by Sucremente the restorer of Steplownation of or collection moderine, be his dystom is com fileto with facts justly stated & conclusions recurrelely drawn. He embraced every collateral decence, was a metaphysician, a melunac philosopher, a Chemist & Bratomest. intent on the improvement of malural philass they from heper on Chamical badies, he ascen lained a wariety of facts & published a System. of Physic as securals as the state of horow edge. at that period would admit of . Admirother genius of Brechance & the artent of his System, hul, after 50 years of this enquiring rece to sup. pase no detertion, or amond ment, has been make;

would be about in instance of partiality and

The System of Boerhaaves is in many respects imperfect, defective, & mistakon; his doctrine of the simple filere is in many respects incomplete Winaccurate, nor does he heep in ween or even comprehend in his System the affections of Inavina fibres. His doctrine of arid is incon - vistant with the red of his chemical declarine, and his notions of alhali are cqually hable. to the vame abjections. In Paller limes the sub joet has been clueidated by the hefrents of Fringle & machride; who, by Experiments on the Soury, have established the matter on a new & mare advantageous footing, Ther doctrine of Biscidily welonlar was equally incorrect in the System of Boerhaaver as it was whon fire wanted by the chemists & Carlesians; & Motoline hon, the leading maseim in the Hathalogy of compound discases, was slette wanting lake explained.

In general Pathology, when her is breating at their chook of linculation, bein outremely in perfect, before tiller attention to the moving forward

powers of our dystem; throwns the whater he is elegantly dystematic, but there are four, parts whose are not absolutely requisite.

How hard the affections of the solids as well as of the fluids becanned of the several parts of the Meaning in a manner superior to any of his produce flow; a broker view however of the moving powers was still awarding, but to seemed insensible of the influence of the affections of the maring powers in explaining the several Chancemena of our system in dependent of the changes of maller.

Van Holmont had farmerly allended to his subject, but Millis went farther happlied himself to the Pathology of the Merrous System; his freary housever was by no means correct; and Baglivi who succeeded him made some attempts which promised much but were newer brought to perfection from the unfortunate mate death of the Author: Hofman again nemined the subject whas delivered in his the mistry the account declarios of it, aiming at an application of it in every hart of his tystem.

In the Institutions I absenced the animal Pronomy was made up of threes depotoms, the her names, Chemical, & Stydraulie - live, the des. tonce of a Contery the Gatonial & Chemists had attended to lettle more than the Chemical System, but Hopman, to the Samperies of friender, & the Hydraulie Systems at Bookhause, & Bolline, has a dood the norman System; with renders it complete with respect to the parts of which it can cansiels.

The subject housever of the Resumme dyslam is difficient be obscure, & Hoffman with all his knowledge is not elear be dyslematic. — his languages is metaphysical brobscure, & he has every where untermised a the mical

Theory that is far from correct.

The attention of Physicians was at first confined to the condition of the Muiets, but afterwards the plan was entarois to the affections of the Rydmu lie System were desely dustied. So there must were the followers of Doorhanne confined, and Softman in the important parts of his ductement has had few intelligent followers. The Memous System how over our products standing the regions

of Physicians, we the natural obscurity of the Subject, to yet of whentive upplication, and the most desent me of any to be the basis of a practical dyelen. Income that I am unable to discover a general Softam of therewer was that hology, for nothing can be more abvious than the necessity of a cyclem on that subject; the affections of the primary functions much be accurately introduced in obscurity. The task same sensible is andward in obscurity. The task same sensible is andwards by indifficult, but shall to demonstrate that a prosecution of this plane willow to consider that a prosecution of this plane will be considered in official to discover, and in offecting their cure.

The Brigin Whites for over the les he ascertained we have shall be not intend to howe cule, cultier method of practices wer intend to howeverle, some intend of this has been given when we mention and wherein the improvement of the precent state of Physic) consisted.

At present we have a better Theory with a more cautious employment stil, prined to a constant attention to Observation Vasperience - To captaing consclues more fully - ther Theory is bettenbecause our Anatomy is more complete becorrect the im from and mention our Chemistry is considerable and

it's parts more dystemationly disposed, thencer of an

It the our acquaintance with the history of Malure & Willistonaphy increases, our views become gradually enlarged, and our hinocoledge of physic is perfective improving; for previous to any progress in this faller art, a considerable advancement of the formet much receptively precede, and thus the object of our childy is dependent on the state of feerbetron.

Bur Accuracy in Observation & Defoction has led us to many uschal conclusions, but our hours is selected defective bremperfect; many other physiological reasonings are processioned become fine forecent, hing could induce mer to bourse of the forecent, have the of The forecent.

The uses of it.

The ory in the hands of the innorant and weak,
may be productive of consequences the most reference into
perniciones to practice; but the man of Sience inte
always distinguish between what is to be repeted
as fall account youncertain, so what is it good and

The greatest practitioners, Sydenham not recepted income universally Theoriets, bethe hearies of each universally Theoriets, bethe hearies of each

nothing but the most accelerate discomment could have enabled them to conduct heir practice with.

Jafoly proceeds. In the present age Dogmalism has a better chance of succeeding than in any former period; at present. uses are jealous of Theory & at all lemes heady to appeal to be correct it by asperience, and hence met allachment to Theory more attentionly engages its in collections to improvements of observations. In Quesnai hours the highest complement to hie : homory of Boerhaavo in calling him the restorer of collective mediceno). More fails wene embrace? to observations colleded by this relebrated author than by any of his prodecessors. Theory in such shill full hands many he sufely attempted, herause these we hranded with means to correct the accept, and to adaptite with descretion to the facts.

With our modern shilosophers, Experiences is the Soit - that is constantly appealed to; to by that dand with we our reasonings corrected; we are so strict in the or absence new of this that our more judicious hounds will scarce do met a Shoory to be conclusive which

In the Cultivation of Physic a Luction of import

from the reason or result of hoperience?

The Schools are universally Dogmalic, but the greatest part of Practitioners are professed Impines, Students upon their intrance on the study are influenced by the Paller, & are thences rendered inte-term inale to averse to system. This is productive of a most permuious offeel for the Student is prefibile of against a measure that of newfully her is abliged to hursies; as, from a realect of what they called and passed meet in portance are shopled and passed meet interior on our time to afford the interior a more such the discussion; but, as I have formerly treated of it in my Institutions, I would again, to command it to your perusal.

The is however by no means newfrany to quie an absolute determination in lawour of oither; both, are exposed to fall acy, breach is separately in sufficient in the present state of Science. Every one must demet the necessity of Experience; yet, superience has beenished us with more bord mious facts than heavy with false reasonings, mious facts than heavy with false reasonings, and on the other hand no one would place for the vole use of theory be descrition of Scherionce;

a londerous adherences to Lystem hav often cor rupled over Art, yet no one can refuse its utility to a certain extent. Every one can premiere the. Errow of Theory, but oven those who most vince: fently officer it wer obliged to have necourse la, el, & Theory is even introduced oven in finalise the most Impurione: For a clear so comprich onsie vices of the subject it is proper that the doctorner should be further considered, be the lemils of rousoning & Represence be provisely ascertained I shall reduce ony (tryuments to three).

I. Beasoning in Physic is unavoidable, blo renderil safe it is necessary to cultivate heavy

in it's fiele artent.

II. The Study of Physics on a Dogmalie plan has given us the facts we have abrett by orquered to is the most probable means of acquiring those facts on which we would found an Impyrue plan.

III. There is no foundation for the Audy of Physics on an Impupie plan.

I. Preasoning in Physic is unaword able, toto wender it safe it is necessary to rullivate Theory in it's feels welent. In Ruman mature there is a drown tropeasily

to seek for causes, to mank ind endeavour to explain every thing as a cause siefect; this lende ney I imagine jim is incorrected to inherent in our natures, Seep-lies may declain section demonstrate the fallacy of human bearen, but their offerts are unable to destroy this favouriste proponally, its indulgence is productive of grad, it improves our has mings exercises our faculties, be directe the attention to secretion our faculties, be directe the attention to secretions our faculties, be directed the attention to secretions.

Moder a physician to altempt reasoning with ap stanger on the subject of his Infofsion, he must a ber found extremely deficient, to would incurr the combempt to redictible of his intagmist. The same conveguence would ensue was the Lucyer to introde the province of the physician, and the sole means of concileating the matter would be to engage each in the study of the different subjects in their full extent.

Such is the bacge for causes, that instrumes are anthonoun in which their investigation is totally integrated. I wory proceed theorem much house perceion of this tendency in his frateents, to Physicians the market es, however they may detroit from the most, Percelyes, to the scartes, we well from the

examination ber found to be Theoretical, hence in their practice, this manis pleth michlecdens, must insue, the stamach of anotheries foul, tot an Imelie her administred; and thus they proceed instrailing in a plan of Theory, which from a want of allention to the dystern is generally of the most perneceous nature. In the practice " wich I have frequently been witness to the. grafued errors, corpullency has been mistaken for Hethora, a Sympathic affection of the Sto. mach for impurity, & a slight cutaneous criephion for an acrimony in the blood . Ivery Impiric there fore is in some degree a reasoner, to as the abuse is great & the propensely incorrigible, the only remedy to be prounded is for then to engage in the full exclant of the steedy of Theory.

Avery fract of the Body we know to be connected with the west, & the whole taken together forms a system, the application of a part to the whole will a fait us in the discovery of fallacy, as on the contrary, the application of the whole to the several parts will enable us to ascertain the several parts will enable us to ascertain the limits of the projection. No man will see that his own reasonings unters he is much

exercised in the fallacies of others, and home the Sorrice of Sochticism. Theory in generalis uncertain, & the abuse of it can only be concelled by sludying it in its full extent, & on a do down alie plan.

III. The study of Physic on a dogmatic plan has given us the facts we have already acquired, and is the most probable means of acquiring those facts on which we would form an Empyric Islan.

Their useful facts have occured from factuitous circumstances, yet these would never house been preserved for application to they sied set for the systems & enquiries of the Dagmatists.

Simplifies and sunt in abbusion, wit is entirely to the Systems of Dog martisk that we are endebted for our improvement in thy sie; but that this study is ofsentially required for a collation & discovery of facts may not be so aborous & wife require a further discussion.

The Imperies and supposed to be requaint.

ed with a variety of remodies adapted to hat
licular diseases; but in those cases where

diseases

descreses resemble, ouch other their remodies, no the same, but it is an ofsential circum shance to Compenciam that descares should be) recurrelely discriminated, to this distinction to be correct, much bord be duction of their particulary to Genera influences, the Hosologia metho deca is necessary for the foundation of an. Im hiricas foraction, but this so of sentiacian point to impression was totally neglected bit seebsequent production was altogother the offort of the Hudy of Dogmatism. The first allempt towards an Execution of this plan com menced about Doyeans ago by mor Saurage &, &, his has been the only allempt to ascertain the species of diseases.

Every ones however the loast conversant with System or acquainted with the laws of metteod must observe the inaccuracy of his Rafeifier. him. I shale shartly deliver to you some plans of what has been attempted on the sub-ject but at present they are at incompleteless

Hence then the chief wonly loundation of and Impurious practice was wanting; on this side it may be alledged that they have facts suf-

ficient for a foundation, the they we not bys tomalically arranged, but that these are suf. Sicient for the demands of practice Introlutely deny; they are neither uniled into a system, nor the particulars well known or accu : rately defined; they are withen united who as Septem, nor and the particulars well honours. or accurately defined this evident from na trenal history that the only recrurate moderal definition is by Genera & species. The objects of that desence have remained live within thene 100 years unarranged, and we see that the succeeding Attempte of Systematics have) brought out & delined the wast warrely of har leculars which Sennous has given, coin the objects of nowlong if the method of leadsifica -seen cannot be property performed use mery ho cortain that the particular of which it is farmen and not accurate or complete, norid it frataible they chaired like une are further a divanced in System; he need the unfrestockions of carrages require to be supplied by further observations, whise collations of these can only be made by our further advances in cyclen, Debeckons Defsections, by exposing the parts to our ricus, show in the changes to which external appearances are ouring, danuages, the here fuses the internal abudure of the body to be necessary to the classing of discuses, yet la city impleases it; and it is evident that discontinuous, by demonstrating the obtained in the discontinuous affections do pend, must read us to a proper limitation.

Thend, must read us to a proper limitation.

This like many other allemples on System will Readers to an accurate observation of particuland Bur judgement of martid hadies will defrend on our knowlege of the health full) state of the parts, & our Difections wife he more accurate in proportion to our progress en Anatomy, and hence the necessity of ina -tomy to Forology. Anatomy ourse it's foragrefs to our Rudy of the use of the parte and the Mudy of the we of the parts is nerefoury to the study of the whole, and an allention to Physiology is as necessary to desect our hinourledge in andlowy as much as the taller is ofential to our improvement in the former.

To determine therefore decesurbly between the advantages of reason brodgemence is unnecefvary; either of them represalely considered have contributed little to the improvement of our Art, and it is only by a judicious union of the. les that we can over hope to establish a hogu: ear foundation for a Practice of Physic. The. destribution of teseases is queded by morbid dissections, and our recurracy in those defiend mour improvement in Physiology Sie it appears Therefore that our honouncedge of discused is, more Acclually cultivated by a System of Borg matism, and from the history at Aysie it is bui tent that by the dudy of Fraimato Sausas were me the most adily conducted to the nature of des rect.

To proper found than therefore for an Impi since practice ociding, & souron ing horizon in sofrandle from the constitution of man, of see. of sty a system of Laguardum must prosent, & borthe andy friendation for a regular state of Gractice. It is the study of System that had us to the investigation of facts; an illustration of this from Malurac Fistery has been given, & it is equally officeceous in the objects of Moso.

Styposhoros, when they enter into our reasonings, and justly to be confrommed, but they are highly usoful, as they are only benoticed in the imagina tion of a Philosophot. The least arguaintrana with Shilosophy wite subjuiently evince that we were indebted to Styposhoros for more than too Observations and Seperiments, where for once we are indebted to Impuricism. The System of the universe was explained by dir Isaac on the found ation of an hypothesis, & hence the utility of the win in the requisition of facts for the found dation of an hypothesis, & hence the utility

In any view they are of the Ithmost importance; for what are usually denominated facts are more the quently the inferences of reason than absentations of simple sense. Single Intidary facts was only useful as they was generalized and form these an induction is formed, in which of wation to be perfectly correct the utmost accuracy to release of her man duck of the most of our Starts as they be retained on the surface of the submost accuracy to release of the most of our Starts as

certained, as on amples of which we shall

I. Those that relate to the Study of the remote

11. Those that relate to the Mudy of the Be medies.

I. of the abservation of Remole laures is esopul in Physic & nearfarry to ostablish the proper distinction between the several desiraces, then Log mation hoins the only foundation of System must be necessary to ascertain the she ries of remale pruses. When the body is achosed to the rection of many different powers we. we uncertain how many of these are concerned informing the disease, nor can this her ascer fained hie the Whilesophy of those powers are received investigated. He know that their Spack are wanted by the date of the loone & hence the Bhilosophy of powers in general harterularly physiology to pathology must. be studied in order to determine the doctrine; of Bomola: Causes.

II. It judge of the offects of remodies a Dog matic dystem is especially necessary. As the consideration of Bomodies often boards to a distinction of diseases this is a head to which most of the Empirical facts are to be referred, and

III Any Mingsto to hack Frysick man Impyri-

and those with respect to remedies whose opera sion is involved in obscurely, even that boaster me deceno of the Imperies, the Cornican bark, is by no means to be estremed as an invariable specifie, on the contrary is exects in many instances where it's officacy was altodges, have been justly disputed.

Thoroports of comedies can therefore the only ascertained by the Cultivation of a Dogmatic System as there, & the generality of field are rather to be referred to an internal operation of reason than to be esteemed is the product of simple percepti.

TIT. Shore is no foundation for the Study &. Physic on an Empire Man.

Sydenham seems to have attempted a practice on an Imperione plan, & as far as her had foro. xecoded is bruely useful; his System housever is by no morns answerable to the demands of Practice, & it this at present was our only quite the cure of desences would sand on a. receip narroun basis.

Thean however by no means be admitted that Sydenham proceeded on a plan privily Impor sul; in his langer work his practical Conclusions are onlinely Logmalical. Other altemptes, have been made to establish a practical dystem when this froting. It show and dientrud have erch taken up the subject, but the book of the former is friendous & forgot - the latter has been better received.

The work of diculated is an allempt to establish en Empirical practice; but his dystom is at to gether insufficient for the purpose; this is well as eveny other allempt of that kind must to imperfect in design to execution, & extreme ly pernicious to the Constitution of Shysie. In his Book some udicious observations & reflections are to be found, & on the other hand many briens & Inaceuracies. Ipropose to consider it as a System bequire to practice, to in this vices it is altogether in sufficient; he has no where ascertained the species or even genera of deservoes, to a delect in so ofsential. a circum sance is incompatible with an accurate be intelligent practice. He had allempt ad an Ristoria Mortie, or a listor circumstances commonly referred to oner letter or what wies. denamin reled the genera of desenses; but hy

has not denominated the succession of descares to distinct species, as an example of such I refer lo his articles of Sypochonder raise. here we find an undigested that of sumbloms from wichthe most frase bundetermined the stone from wichthe most frase bundetermined the stone of a rente of absence. He has afterwards frimed a rente of a single symptom, be water that little has siven as in the sives species affect of the sives species affect of the sives species affect of many different discovers, as in Balance, some of many different discovers, as in Balance, is cheecia, Always retricta &?

This dissections are merely a tramiscusus on unnerstand without any distinction of causes, and expected from with a left as he has neither connected them with a fracticular concourse of dymptoms, or ombloged them in ascertaining the proximate concourse of

The dystem of siculared upon the whole is extremely insufficient for the purpose whose horseund a most indeterminate muthod of sure. This remedies are collections of every thing that has been given in all theis species of any disconder which he confusedly heals to jether under a generical name. In his recount of the Isthmine, having having

described the diserse beginen us the dissection, he Pays down this general homark, "tohile the causes of lise ases and in moved in obscurity it will ho impoferate for us to allowate any mother of in none wer must abitunfrom our be modies to he morning intillers about a suit rive to server. Il these are the facils of heperience, they are buly deplarable, be lette have thyini. of the Patrous Sestudy of so muny generalions. Justonto our his list of medicines were have see what he calls his colablished practice wherein he displays such inattention to mother that an Upothe carries Opporonte e of 12 months danding would be ablock give a heller derangement of enistance a few line be sufficient weal broth to Gum Sugacanth, Sort & San water, be Brend over unit of his cures & an experienced inachitimer wier aften he unable to very for what they also prosenteos.

incomination of the Private he has added a synation of the incommental to a server of the contraction of the in above in the server of the contraction that a contraction that the contraction of the contraction that the contraction of the contraction that the contraction of the contraction.

System that forms no Indications? The reason is evident, throughout the whole he proceed upon Dogmatical facts without which no System of firedice and be formed.

Such then is the present state of Physic, such is the hoasted town the hoasted town the hoasted town the hoasted town to distinct facts from their inattention to the hour mattention is with from an Union of the her that a proper for hard in hard a proper

In the 3 arguments I red succes I have endeavour of to about to the appropriate of hover; with respect to the first share give one turber is with rest from In the rad tentury when the tietule subsisted cancerring the companatives excellence of the Antick to Inderes, the Santonelle, who what the motorns, while we of this are gument that the more numerous are the house onings we have rejected the mare have we are for how in fections have here he here in the many and jectence have been hejected to the there out out

As to our 22 Argument In all appear to the Le

hericals)

perione of every man bor it's tweing well founded.

Mo one can have escaped the theoretian that

let our he may marked or collected, as an

light officers in bustom is to sisted to their applies

oution.

enting destitute of frunds him. It me timed with more thand a handreiter system somewill, the mile that have the some that he has the to the first of the first of the sound of the state of the sound of the state o

of their master and her consonant in their made a Bracket Come little lime ago the Poorfarmin practices was universal in this contrate , & hos to be concerned there more corporation Morre dere moto contratore, & their the exeme moder of lindeles one realisted bu x'e; be cruie other the mos Showing university prouries, or a move Imperiore unradice with and for neithbor in theores that were in a facto al home, the modelle of come indeed may produce a harmone in Commilation, but. corryling when tell to to mesti wind the bearied by bir run beceniar nations. Juens denvilles Cheritain peter series of the differences of the lever enong the promote chemists, & Pantonand, the water of moredier wite hor witherents in on the disting of the selection to the akhandion in Boir timingities. Discuses and the came in ourse was be horized, believe & Sechences have no resigned the formation of reserve mice in practice mixt are not to be coultra distort but in ducased of a los unitarin no lune fination with her divoled by Cheary. The contoficion is una unidable that lines W10,0011

Theory has been tweely pernicious; no one can cheet without horing on the death of ran. Tolmont who died of a Pleury of from a no ofeel of treneworkion. This treatment of hemoof? were owing to his farmeifiles, to her fole asires dec to his doctrines. The practice steren ager must be influenced by Forty, & it the of inion of the Implines is vioniticant a and theng it must be the bejecting of Pricemale cause & morely allending to the distinction. e Viseres & the common provelies that proarries. Cothis hean Anaelsteanow in common rathero, deficient in explem su destitute of the redition receivery to the Art they contine themsaires to these limited meins & horaceeds an what they generally denominate the established brachece. But a prostere resalat Sefected can only be ostabilished by Argmatism, for Experience is frequently errant mes hever requiered that correction that henry alone ex ables to afford it. Haming thees arrued for the cuttivation of with a Man, & much contain it is hursuch with difficulties becopioned to la Brech from which.

consideration I must carnestly becommend an semenution of every piece of reasoning not obrious or simple. In allempling a egetem dis difficult to avoid suttile & intricate beaconings, and hence as a consequence of these the interenceo may be hazardous befallacions; at hieres must comolimes occur, caution hall be given precious to their delivery & I chute andoavout by the suggestion of hents to direct any doubte that may arison Prender then the whole by such cautious vicers Ihope to avoid the feat conseguences of Lystem; On Theory no further reliance shall be placed than necessily requires, overy fact shale berducty communicated wino conclusion shapes her formed that any rules in thy sie contra deels, and by givene, facts on a Dog malie plan Share give them with the admintage of bring generalizer.

This is my plan of practice & what is implied by adogmatic plan you must by this time he perfectly acquainted with. I plan of Dogmation

defofrases,

I From the study of Mechanical to chemical philosophy you know the several powers not ing on the hody.

2. Shal

2. That from Anatomy you and acquainted with

which for animal Bronamy is governoed.

14. From Buthology you know the down hone

from Horth.

Je Snow a comparison of Physiology & Pathistory you know the changes that and made to to restore the body to it's healthy state, or to know the indications of the Methodun medendi. and Lasty. To know the sureral powers that restore health.

I shall now proceed to juve you my particu

Par plan.

Schall not trout in Pathology of simple discusses, but shale mention discusses as they a concourse, before med by a concourse, of these called timple discuses. I shall consider them as a concurrent concourse of Symplams or ecording to a trasplogia. he thadical, for this purpose, I shale pint into your hands the shietems of Sauvages, toget to dinneus, to to these purposes of Sauvages, toget to dinneus, to to the son subjoin a different to hander of the son subjoin a different to the answers.

In treating of every particular disease under each litte; I shall first deliver the Thanomena in currence or execcision that belong to a yenus. 2. Ich or onderent to investigate the prosunt Carros, & these an same occasions I share in alio I wheet to esplain simply be courte, & in others Soil only in part, in ouch kourover Johnie point out the proper soin in which they we. to la pursuer, and shiping a method of lune. In some cases I shall berunable to rese above is tour Impericism, from the subject of fineinale Pauces use chale discover the ulmost candout with respect to the openions of others bette findle Tour own remembers. I there endersout to render them saf hy proceeding on the him celle of linding out what trione ha byone in the it ofern, ror whater all outh xnes inton. ences from horson tial accorded hile of frum dation in lact. Saharie follow the Buther agu of dydenham kiginer i decimen of Documation continuous in the often at the sies he rough their recordined the Proximato Caren from Here & the Openamena of diserted, Ichar Monfet to Cimil the genera bedir con it beeres. · Sach & harle con center the gemolow allies,

not from conjecture hat as quided by absenuti on bescripeniones. There I hateverdeavour to reconcile with those facts of the Proximater Cruse fremousty deligrener.

Jorn Hier Symploms of decouses I shall give is experience expelom of Prognatics, and tartly the soll solle Moderate, the plan of which. A. To leer formed on the Destrine of Bracemale Causes. My practice with ber free ded on Indi chions, but I hall be over contious in avoid eng sublife reasonings but rather examine the date of the Body as a fact than inter it by Ecreson. Ichare lake notice) of every moderal practice brevery mother proper to ber weeds, & after accif you repet my dustem of Dogmalism you will have every resource ? Inhericion has proposed. Been thing townsing of allention shall be mentioned, so thotello compretand at that is material is most itale to receir in your dude or bradice.

He reading of Books can at any hate he to missible; your time with by me mount fredanced

for the percesal of Physic, facts may be deliver to the Mes Prolice of Physic, facts may be deliver ed simply, or ouch it are not already horona in order to be applied; or they may be delin oved in a different form win process may be in their Irrangement to new reco views may be proposed, hints suggested, to new maller can proposed, hints suggested, to new maller can

be of the greatest utility, but to sthere, whose weares must be directed, a mith of much to his aid over as a model for the future to resolution of their studies. I must confess I should have had a work to have a fire dilivence be genius of but a moun I dea of the dilivence he former han, a trosefter that should pursue the former han, as for any person who has now matter to give it is imbospithe the can follow the train stany it is imbospithe the can follow the train stany harticular Ruther nor of convequences can barticular Ruther wor of convequences can direct you to Prochs.

So there for Homen housener that have made)
somes progrets in the dudy I would becommend
the three most considerables deplems that have a here are on the subject, with a Mante, Hatman

to Boor haune frienth theces I should wish you to her requainted. In the Genera that Thaner comfieled of the sovered dystematics, Thanes referred the synanims to theese Lystoms. Stanks indood has published no dy tom; but his Outiles dunker, alberts, so, house delivered Mordachrines of their master, to the first certa in most in reputer I have referred. The onely other Broke Jean wenture to recommend and Lydenkam bither hosologia methodica stanges, Inany others might likewinge bor wird, beef as you you are not prepared for therir persone. The harticulars betalesse) to there I show become to the and of my correso, when & propose to deliver a destined Crelieizm on Practical Worters.

() That new onter particularly on the subject of Practice. The practice of physic, has two Phjoch in meens,

I. The Preservation of Health.

11. The live of Disenses.

the finch (degenal is a part of the institutions of forticine, but there we amitted to teliver de for a so rom that will hold equally with respect to our praelice, be cause use house no derect means of preserving howith. Our Hygoina enterery lums on awaiding diseases, the presention of which is founded on the Anoweledges of the Remate and Predisfroment vauses which are parks of our Pathology, and so far as they are deliver ed their whiteration infeaturious broasy acto seefected the Mygeinia.

One application of it however is necessary, with respect to particular diseases, which require cortain (Prophylarchies, and in this course they will be mentioned to a part of

what we are to deliver.

Therother frank in the live of Diringson

in favour of Theory & Dog mation it is much

be founded on laperionco:

The first object of our study is an accurate Dis linesian of diseases. The tribyar, as well as the young Winexpersenced Students, are aft to emagine that directed we known by their names, & we Watis necofound for the Pheprician is a knowledge of the remody connected with the names of the disease; of would be injurious to suppose, that you, Gen Hemen, oun have entertuined so erranious a doc trine; but it is necessary you should understand the I descares ought to be more accurately dis lenguiched. If I moet with a disarder I am un arguninted with I am of course at a lafo force nemody, my anty resource is to consult theonh sorrations of Ruthars. of an analogous case; chould recur be a nemedy be proposed, from an caperience of it's sucrefe denimode whely administer it to my patient, nul find it is onlively in Hickory In this once us I have no doubt of the accurace, of the withor so of the goodnote of the nemedy must inovitably constude I have mintaken the Gretary discase.

here one that his been engaged in practice; must have met with such instruces, withis is out ficient to show that more observations are found to be useich. The method of proceeding is first-to give the remody applied to the name of hie discusse, & then attempt a definition, but by no mians exact or comfricter; it is much to be an exact or comfricter; it is much to be an exact of remina discussed were have been as tremely defective. The only allempts have been as tremely defective. The only allempts have been been much from their hearies, behence much been much from their hearies, behence much been have been liables to feeling.

desirings in his Prolegamena has given no loss than len definitions of Acurisy, but all of them are insignificant, and many System atic writers being sonsible of the impropriety of this have attempted a Ristoria Morbi or a full enumeration of every symptom belonging to a deserve; this however is far from hoing exact or complete or even applicable to our exact or complete or even applicable to our furposes, for every praelitioner will find more hurposes, for every praelitioner will find more harbient, & sometimes on the contrary more hatient, & sometimes on the contrary more hatient, & sometimes on the contrary more

the concourse or series of Lymptoms any where marked are sofrerately occurring.

however comprehensive, are by no means enforced ficient we want what and usually denominal of Pathognomonies, i.e. from the whole list of dymptoms that we altendant on the disease; we wied those few that are constantly in wardle to the species of any des orice. This we have long wished for but the marking of Pathognomonies has hitherto?

Strahl, Prochaque, & Hoffman, andy admill of the genera of descrises, wat that period the state of beience was so low that this was the state of beience was so low that this was the state of beince was so low that the treatment:

It most they could attempt; the treatment:

however of diseases under general hearts to by no means sufficient, there's must be assertained which these systematics left to ascertained which these systematics left to

A more recurater distanchion of deseases might have been refrected from the Impirite than the Exam v lists, but in this wes have been

been disappointed. The Impiries have trusted to their analogy & distinguished them in agence had way, nor have their successors in modern times more happily succeeded.

I have already taken notice of the imperfections of Sicularies, his view in his Synapsis was to places practice on a beller facting, by avoiding the discussion of Proximate inters so ascertaining facts. Her has forecaed in his. distinction of Deserves. In the Hypochondera sis, no dymptoms wie on umeraled which house ale appeared in the disorder behonce are termed Hypochandrical; but it is sufficiently abilious that the whole of these dymptomes have never in one Halient appeared & me me at a loss to distinguish in what particular concourse they constantly apprat, & how they ares refrarated ar combined. In his method of suro her sets out on a Theoretical plants what are the Cathognomonie or Ifsential Symptom , wushat and the accidental ke undistinguished, he does not point out. Upon the whole it is impossible that the Empirical Praelice can ever her or as 1110111

corresponding than it is with such a list, of undistinguistich dymptoms unter indice und of undigested worth such a mafe of undigested remedies.

Her are not however intolly dependant on Siculand; among the Inglish, Sydenham, Mediantes, but on Pringle, haves given us descriptions of disources, recurately distinguished in their parts, but it is only in a few desirates that those torders have a ford of a spiriture, I sur System can never be and in the sort of the control is collaborated and sort leto live every shoonation is collaborated

Ar Pringles has given an account of the.

Ar Pringles has given an account of the.

March Sover, but this would have been of

little importance, if her had not compared

it with the march fevers of ather countries.

Thany have found fault with the estent to

menutenche of our study & the sulgas with

menutenche of our study & the sulgas with

at ways dishise the minutenche of natural

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300 only of which are useful in medicine. It they sician may content himself swith the maller number whay no allonling to the More, but the tenous ledge, of the whole may may occur and if him to distinguish the 300 to ammunicato Hem to afficie, I must dudy the wholes, for maluraliste that no single plant our he characterined without a knowledge of the rest; it is the surmer with the objects afour Mudy, fora descuso our never be repairating charedorine and distinguished without allend one la other disenses, ind comparing the whole of their character larethet. It is nere francy then that descares should be no currentely distinguished, & the only means at offed ing this is to follow the Bolanical method, to dispose of deseases dustomatecally into Marses Sie in aider la render Meir Characters mare accurate Encimpleto. This was farmerly afra from of the accurate knagacious dydenham in the 13th bage of his propare, Atter mertianing in his prefore thes referts in the History of Dis

in this her was seconded by morton beforeing, and this her was seconded by morton before any thing on this subject was altempted, till Sauvages in 1731, with the approbation of Boerhaave, began it. Threehaaves however was sensibles of the difficulty of the windertaking & regreeables to his Sudgement the find Stition of the work was imperfect. It was published in 1739 under the little of Cathologien. Methodica Schone it was extremed deloctive, seven his 3 Idilion is no more than a such ocimo.

Physicians have declared the whole altempt to be to pline and uccleft, I shall not alternate a refutation of this, but her of you to rest your determination on the whiley you shall be bereafter experiences from it. And common all now in standing are aft to condomn all now in provenents in Justim from the wholensim of a discovery of their innorance and that the errors they have so long persisted in may by this means be printed out.

The System of Hosology I have to after mile he ;

destitute of all' mothere in Malural history, it is not to be wondened at that they condomn a methodical distribution of disenses. I shale alcodge the Authority of a colobrated wither Derforment to Stock Pampage has faid do un recesons why disenses should be exclored that method has exclored in intertal that method

Yourdoog how heen breed hack to Selie Pater who indeed arranged diseases, but his method who is but indifferent so not at over conducted by the halfulos that have since been prescribed by the Ma

Saurages considerably enlarged nic work, in an Edition of 5 hals octavo, hin his last Edition, an Edition of 5 hals octavo, hin his last Edition, of 1168 in quarte, her has certanded to Species & of 1168 in quarte, her has certanded to Species & added some usefule Improvements. The Proof of the work that you are chieffly to trust to; but is their incomment to consult on account of the beeng incomment to consult on account of the back, I have substracted his most important harby, I have substracted his mast important harby, I have substracted his no part of his work, harded to my suproposes. I have carried sucreages no farther than his pe have fall to this I have raided two systems that, nearly half to the this I have not by the celebrated

Simmauz

Sinnells who for accuracy in method is inferior to none in the present a 70; the other
ferior to none in the present a 70; the other
by tragel of Gollingen, and by this you have
alone view every publication that has appear
ed on the outpiret.

The Systems above monterned have undoubtedly great merel, it is however incient bout on mosts from love their detects they are indeed erroments bordefective, but this wife bormore occusable when wer consider that successive altempts abone can complete it. I brokense to septicin in what man nor the dimansive is made up, bother cafternards mention the manner of woing it, but birst must, proved to say sometime in the birst must,

genoin. Il digrefsion of this nature may appear super fluores, but I presumer there are many Gentlemen hover who were unacquainted with the rules of you for. The study of Botany may have preceded your attention to Physic, yet I am sensible that your attention to Physic, yet I am sensible that many apply themselves to that hart of natural history without attending to method abstract order. I consider myself as in the situation of a commander of a Convey to their it is summent

lar in the fleet.

. Method is a malural operation of the human mind, which every one is more or less in hur sulf; Lotus supposer a man dropp from. the clouds endowed with sonso to reflection but entirely univerguarented with the produce of our y obe, in what men mor would ho to ab 3. to distinguish between the discovily of the obsoot presented to his view? Ake is troph into a brick whose he sees perhaps 100 inemals feeding in the herbage, the whater heing Deer for instance, by horterty similar to erich other, as find her wie conferience a exercely, but an revising the whater her will perpensence a great uniformely refrom the whole acquires but a. single dea.

From the Door let him pass into a floch of theep, a difference in these from the farmer with immortially to evident, but the from these different abservations has wife have acquired but two Ideas and two forms that run throw the without.

Thees we form the first Abstraction Defendante

Zation & from honce we acquire our first dea of efficient which is divisible only into Individe wals distinguished numerically.

Her next get perhaps into an adjacent Formst and perceives a Herd of Hage; at first sight he imagines these Animals to her eimilar to the deen but perceiving a differences in the size, in the horns & he observed that the a diversily takes place get they house comething very much in ommon that distinguished them both from the hoop. If again he skoule find an African heep which thos in some respect deforing, yet whon the whole recembled the former, which we shale suppose to be Surpheum, her will find that what theso have in common wite her subjectent to distinguish them from the thous. Hone then her wiles generaling textestract, to internages the whole forer into hero de forent afrostments which we donominale Genora.

This is the foundation of Holhad & the forenchal torms used ares fenues & Species . Morado that a species that a mills of no Subdivision osciept

Spends domile of life or mark becharacter. It.

Genus domile of life or mends which may he s

subdivided without coming to Individuals.

The Logicians are slite more minute, but a farther division is suferfluous to un necessary.

Genera are so of especies as species to Individuals.

as species unite Individuals so so genera unite.

Me chall next supports a day to her the object of our Arangoris attention; in this animal he experiences a delle greater decrerity, her is deathlite of Horns, Ihas 5 loes with claure, who now is his. level from the hories byence her before abserved. Her finds that the Deer on hoof have many things in common but different from his low teronse quantly the farmer will remit of a hickor refrontment. If he sees a fox he wife find from the resemblance between these here animals that they may both be arranged under one hered or united into algenia enterely destench from any of the former; he will also perceive the agreement between a lat & a dion which are both different from alog, but from them

greater resemblance to the Catter animal than to skeep so they will all be arranged under a hickor a foortment. Thaturalist houses accordingly given to these higher affections, the proceedings and med to the seek to the the though hind have been called Beara, the Lion, latter Long force.

In this Birds there is a material distinction from any thing over Aranger has observed. The first Shing that will naturally strike him is the saus ing of the Birds in the Ring while the Reasts creep upon the farth; it will be observed to him Chause that he latter have to feet wither former beet two, & the possession of those things in common by the Quadrepeds, but different from the Bird. of wice be a sufficient distinction for him to inte them into a Clase in opposition to the Bunds. and thus from the proporties that drimals hofseje in common in objectition to reschaine, a stice higher afsortment will be made into what is by Matuenalists towned a Singdom. These wer the matural operations on which use proceed in distinction; user first proceed record. ing to the Analytic method, iso from a colorison

I particulars to establish general rules, but in
the higher genera we follows a different method
be proceed downwards, agreeable to the Synthetic
from generals to particulars, thus from Quadrus
peds to Fora, & Porora, from Pacora to Corris
to this & to from these we proceed further to mark
in dividuals.

Logicians eforth of these arrangements as General infima & Suprema: Mahuralists have housener found it nerefrance to affix partecular names, theis a Gones being composed of Species is called Gones. When Genera are afsorted, as in the union of Beer & Sheep, they are alled order. The afsortment of Quadrufeeds from Birds, Clafe. Unimale, as officed to legetables, former tringdom. The number of these Divisions between Jungsom thecies are by no means marked or ascertain ad, but are variable & artistrans. When werke fine a Success which is the cellemale and of our Palarens, une define it by its Genera beheatici dif formou.

Naturalists desine a Door Convins iornibiles ras mais so, here Cerises is the Jenus brate the words after added was what we call the specific differ ence which gives the characters by which the pleases

guishes it from the Camelopard & contraction from the Browness' from the Camprefair from the Chain

This is the manner in which we proceed, we give the definition of a Species by mamine its Geners wand ina the specific deference, He and the name of the Genus because it is easily remembered, & hence the name of Bingdom much envien; but in species thes word "Dama" Disting quintes it only from the other species of Corners, & Ceremes distinguishes it from the other order of Proora; but it must be dictin quicker from ale Tuadrupeds by the order of Pecora, & distinguished by it's character from every class, walso from Binds, Jah, sie tralthe one character is com monly employed ejet the real marks of destinction was from its division into kingdom, chafs, order gences, &c) thees a Doer is an and free of the cires of quadrupeds, of the order of hecona, of the genus, Consuls.

This necessary to observe that this as we are no received the greatest utility, it is a natural operation of

the human Mind which come are more ac .
curate in marking than others, wis of the ulmost imprortance in investigation.

duppose one of the 10,000 plants be presented to me, & Curnt to discover it's name; if Jam un acquainted with the method I must consult the description of the whole web would be infinitely laborious, but if I have becoverse to the methode decal distribution the trouble willes be short soo, Instead of consulting the whole where and, to consider the 20 Masses into wet they are any anord, I from reduces it to its ander, & Pastly to its genus, by which my object is reduced to a few different species.

Men how forton le the most distant posterily wirth ne spect to Sheeds, Plants, & it whitily has been universally rehnousledged. But in the other ciafocs of haduralists fourer species were to be med usely; in animals not above 200, to Buffons thinks the labours of Linnaus fix vilous in an manging what may be so easily remembered; his the its importance with a view to investigo tion may not be so apparent, yet it is of sential

to more face bracurates Observations. The Ith has been referred to the order of Cecona, but it has been disputed whether the Ith is a su minanting animal or if it has the characteris he mark of His sheries of the Caruncula Gulleriles; but if mother had been in were there questions could never have subsested, to it's character would hower hernlong ascertained. Hany warriet the absantages of method to the animal to be getable kingdoms, but raise a sub. his objection with respect to it's further whilely that it is only applicable la those beings that continue & propagate their kind, that it will; not apply to Toforte berdite left to deserveses. To this I will only allodge Har althor the distinction I throis is not so well ascertained in Tofsils as in Animal's to begetables, yet a mothediese atrangement of these has been attended with con ederable advantages, respecting deseases shale not so confidently express myself, yet an arrangement is undoubledly applicable & from Preponience you will be convinced of the Whility.

I shall now present to a particular consideration of methodical mosology.

In my part I have afsisted you by giving by anonims, & where no dynorisms are put down as now Class is established to which Authors howe been altogether inattentive - Thus, the 2d Class how stores, has no synonims, because it is now keen noticed by worders. I might inteed have addiced a synonim from Linnous who comprehends a to fail under the Mercini, but I tid not adopt this from an affire hension that it might be comfounded with the modern hension that it might be comfounded with the

Besides the nosologione Systems I have referred to the Synanims queen by the three great systematies Rothman, Stacke, W Boerhauser, with respect to the reference mode to Sunhet, the numbery following his name referr to the numbers of his table. The numbers of his lable are generally unons, marked but it is only by a single number proceeding from two different Editions of his work. Theres Synonims I would recommend to you careful ly to consult, as by these you will have and opportunity of collating the 14 Systems together; for investigation the general have promited you with an Index Voreferreners to the distems from

which they are laken, to the numbers in the Index)
are constantly the numbers of the genera of the
respective bystems. Simmens to reaget have num
be set the chaftes to indere in an irregular ceries,
but sacurages has arranged them under chafters,
the Genera of the latter are put down in the Index
from the first to the last.

In all the terards of a character overy word has it's precise meaning, if any are amiled the author has had his particular reason for it; one ruther has beef over a character, because he did not think it necessary to constitute a genus; another has added it from a contrary motive, & whenever you observe this differences of character you much think whind

out the reasons for the change.

Sauvages, for instance, has divided his class of Lebros into 3 orders, Continues, Bemiltenles, Winter millenles. Sinnaus has divided the same Class mile continue, Bemiltenles, & Exacorbantes, & what an weers to the Bemiltenles in bacurages, Sinnaus hubitast of all troget has divided his class into lina. Intermittenles & Continues, hore the Be millenles are Intermittenles & Continues, hore the Be millenles are left met, & where Ainnaus & Januages have fremis. For the Continues to the Societ has

followed the contrary method. To Solve this we must enquire what he does with the Bemillionles, he makes another order of the londenum bushat have been called the mittentes he walls londenum. In our part is der the first doction of Selves we have included among the Synanims the whole of these different divisions, trate these differences of the hole interest of the highest importance.

In attempting a Methodice Voselogy the first thing to be comprehended, under deseases, withat are to be comprehended, under deseases, withat ares to be taken in as Genera? Ist Prutories, Any thing that can be considered as a distance she

les comprehended in our Lystem.

In the best of our Inthalogical Waths, de of Morton, Sydenham, 82 yand chanacter & distinctions of discases are given, but their balowing actors to but a few diseases; a System requires a collar tion to comparison of the whole in order hinter to accordain the chanacters of each, thus in the Unimal hingdom for instruce, we catablish and outer of Beaux consistence our domestic Bunical and Animals. If this is alterable in the second

order wite consist of theop, Hays, Deer, Been, is, and these have been characterized by their forms but inscrenately, for others in Africa are destilute of horns yet still of the order of Pecare, the African are destilute the order of Pecare, the African are made to the order of the order of the order to the the we no thousand in Africance to Mature; but have no hours. The analogy will apply to disease, or the armangement of which we shall ever be uncer tain, like the diseases of every age to country are explained to considered.

bes comprehended. Authors however have gone to an extreme that is exceptive. The whole to class of the property the whole the class of the standard of perfect health to might very well the nearly of freshor his 163 genus, believe, Inyopias is, 800 are friendous beliefling. Sauvages to dinnous have factor into the same trior, to longer the proper definition of Disocuse; every deviation from perfect health is not to be considered as a disease, but only unch as are Laviones molesto to hermanentes, the same of the Martille on many occasions may be come of the Martille on many occasions may be

considered as such.

again, Generic are unnocefamily muellephico by making a Genew of a particular Symptom, from in allonlion la this the Systems before us ares rather lake considered as Symptomatologia than hountagia; for a desease should be for med of a concourse of symp lams, or will is delined by a single one it ought. la leora primary & ofornhar Symplams thus many of the genera of causine you were only of my toms or parts of other disorder to there fore can never dand by the moclove as disersed. I have endeavourand to just at the end of the ignorime all the genera I think by mphomalies, best this is a nice question ke, should not be inclined to handerd such a gosonal dist, Shave manhed however the places where such a Discussion is necessary, is in P. 25%, under the order of Jobres, I have considered Heele. as Symptomatic bergion a mark that it is so. Jann under the order of hean the mala I have consider ent the durpuna of xheimages to Colochia of dennaus as dymptomatic, win the in the one of the order of Fomorrhagia I have considered Nomaca, Homa-Tomesis, Hamaluria, Cyclirhagia, the 3 link of huvages the last of regel, an hamonitagic bymfilomo; the viemer in source other places.

Allex

After the Dyspepsia & Sypochondriavis Ihad re solired to och down a long list of dymptoms that other dystems have consented into Genera, lett as these are subjects of disputer Ithorical tit to deterrit, An other fault in cystem is the making a species of one discuse a forus. The number of higher General believen a Mafit Apecies is wariable bearty bethe develenchion of General Justicies in horology is ord none by difficult's nice, I have then har ander my whine on on this subject, as in J. 9.53. under Tertiana, havertennished together many disorders no spect. which ares Genera in other Systems. Shope Schale prove the producely of my afternation, none but the I first are heroter dynamins, the rock 200 species.

considered as expander bedidinet what are endenty farts of the same disease; thus Inflammation both is seefs are I mistoms of the same two use in succession, the latter is always breeded by the former, that a must be observed that these can never herefunded heet considered as a cinate disease.

In P 258, after delivering the species of Intamnation I have mentioned it's Ansiquent Symptoms, Gangrene but withhacelus, afrant; these are to be considered but

as one disease, the' I have marked them in dif ferent Lellers. In 261 . have mentioned forih neumania & Mountades dequelo sunt, lamica & impyema, which amnous be downages have formed into copanale Genera to in 271 I have made (Phisis a consequence of Hamoplac). Genera haver on many accasione been improper by multiplied, particularly with respect to internal diseases which are not la lu distenguished by Symploms, ou in ragelo 60 Genus of mesententis, Cor. Omontilis, Peritonelis, myacoilitie Panerealica, hophriles, so go. Tho these are real descuses, yet they are unnecessarily introduced into abystom, for they are not distinguished from each other, & hence ares to bes considered as the came, hence you winter ver the reason why have quien former Genera than the other Systematics. Jaurages has delicioned 315, Lunaus 325, & vagel has unnecessarily augmented them to stoo, mine or by ansist of 132, whier Genera of the others are combined either as synanims, species, Symptoms, on degrer o. Her determining what different hills aresto 2

laken in, we shall next enquire what characters deseases

diseases ares to be made up of, and these thanaders wer to ber made abstracted from all Fromy, merely the Myorks of cimple donder bather than the smallest informers of boason, kin hosologia is to he consi dorod as a collection of Medical facts. In many parts of Annages, heavy is introduced, as in his Clafe of titia Ere which are merely fueres of heavy determined from the internal state at the Body, & not from shjock of dopper sumver is ich reinse brully in this sovert, in ! 146. yen. 283. 9814. he delines chernes Allruma, gland na indurala winfarche, these terms no to me quite uninte. Mis rble whis Spilled to grandula correry a nice distraction thirt can never her considered so an Object of venier

The great Devideration in Herology is to select.

The characters that are always concomitant with

The disease & inseparable from it. Cortain diseases

consist in a Series, as others consist in a concourse;

of symptoms prosent in succession & these muchane

of symptoms prosent in succession & these muchane

a progress before we can attempt to ascertain them.

Thus Intermittents and the parious is in them

the cannot be sixten musted on the attack of the

disease. We cannot be sufficiently acquainted

with them tile two Paracepores are payor, be

the periods of these accurately marked. dennaus, under his find clafe Leanthematici has montioned forein be or uplains, but he has delivered characters to his forere that are by no means applicante, thus delinis dynocha, Junestificina, Eve Ther marke of reveases that are to be taken from esternal symptoms ought obe with as are stordy becaustantly prownt, builto The ulmost in partance that such eymplome hours her extresood dearly be without ambiguin 1. hogal is in men places alinkanous, as in his term dolor detarificies, be ainneus in his 238 Comes, the delinition he gives of continuena) is by no moune ofour bedistinel. The Panquage of Bathalogy is far from heing province to ined, & oven a innaud, notwethishered ing his wind accuracy, on mine, occavions, employs very indefinite forms, a in his & Genus Sudamina be 10 h macula he employed the ope thets delatabilia & delatabilio, be throughout the whole of pathology the terms are by no means ducing distenduished. The Milosophia Bolaniex o' alminous, in which

her has defined overy term that is applied in Brany, is of the ulmost utility, such a work, in the joic is wanting, and every me engaged in the study must be sonsible of the delect we to.

de circumstance of importance to be taken volice of in the matural appinitive should be studied as much as possible to on the contrary the artificial al appinition of deseases should be as and lully audited

The advantages of these two methods much her abricous la overy besamist; but, in a novologia, ne coforty afones can accuse the omplayment of the latter. The System of cheerages, Pageifrain now, ever in this respect extremely hully; the class of delivered in ouch is an astilicial harac. lor, whey that mark different desenses are con nector together that in themselve hear not the Loash sevemblance. The town Bolos is too much in common to diseases to be employed as a character; it may combre hend the wholesofthe Phogistici, wis improper on recount of its ambiguely, for every feeting the human body

is susceptible of, may be comfinized in this term. Iny 14th class of Socales is artilicial, but found it to be absolutely unavoidable.

it is necessary you shound underdand her snoper-

a character is not a description but a Definition. adofinition morely takes in the phonomena, that are absolutely necessary to distincties a. desouse from any other, to we lection those Symp lams that recen to it in common with others, honor in a definition use are to Book for the Grantine & promone dumblens that we proceeding to the object wer are about to define. Quethors however haves by no means drietly adhered to this in their channeles of disones. The 15 gener of Sauvages, Chiegmon, is by no mount characteristic, Eumon, ephenoidous Her is unnecessary, hors both or a deferiplion of Symptoms in common than a proper tichenchen of that particular geners. His 7: gonero, Jestuia, Caretas Ubcerosa go is full of entros finales chanacters. Linnaus a so in thhyles, & rogers chance cler of the folis he stilentraliste.

instances, have rather trespassed in the contrary extreme, and given characters that ares extremely deficient, as the 41st General Januages or characters, which he defines lipolis in desolo, " which he defines lipolis in desolo,"

Unother frant of method, hes des accurate dis tenchion, is proper denomination, for which in the science of Bolany the circleal bolany of Linnvies must be consulted, despardiciones I referr you to the Prologamena of Jamerages Great region should und outlodly to priced to a proper nomonolature, but caution chould be issed in changing names, that are already established for now mes; nor can this over be demilled with. much absolutes necofsity. Poget has been even wanton in this respect, be throwould the whole of his system the most crampet is titlecuit names are introduced. In new gonus is introduced a new term must be applied, or if we affice as different idea to il a new name may ber al. mifaille. The only torm I have introduced is for

a class, Meuro ses, which is a non descript in authors, Gran account of it's being new my affecting a term to it wite he more cacusable.

I shall mour inter on the Nant of the Synapsis, which I propose to pursue as the plan of my course.

Authors have proceeded on the plan of dividing discases into Universal & Socal, the former of which comprehends the 3 first chafses in your ynother, the faller the Athelafa. By uninewal disonses are meant thoun generally affecting theor System or the greatest part of it, and under this litto descines are comprehended heal of foot the trimary befunda montal housers of the System; the facat ares canfined to a single part, or particular organ. to may parto those und. remal diseases that affect the Argans of the circulation gonorally, or any affection of the brain or diminution or monerase of its energy in distorent prests of the dustern; hence fover who hiere so may bercansidered no universal descress; kaminlogia as xpolina mily me half of the irady may be surherted to to man,

but in convequences of the fundamontal thrima: 'y function, the brain, being affected, it may be considered as universal. Inflammation, the it affects only one part of the body, is you and fection of the general powers of the circulation. But those distinctions I challe not prosecute. with anxiety in lightetes may seem relative to the arrangement & defriculty of the of philosh on. Shave to stoucros that there is handly any method throw in any parts of Science that domite of our rasy application of the Chance Auguiem. Linnous has given one, but it is by no means applicable, and Jauvages and trongel, consibler of the difficulty have enterely amilled it. With regard to the clafors the characters are sufficiently obrious, to the ap plication generally oxen, and atany rate there is no necessity to he aresime about the distinction of the higher genera.

Mith regard to these three da fres of Universal diseases, the symphoms of all diseases are nos many instances of the functiones laste, and beneco Physiologists have and signification

distributed these to the 3 heads of the what animal, & natural dafses, hences we might. expect that descuses been the complex & ampound shoreto unanges themselves when three hearts, & it would be convenient if use could arrange them in this mannet. For the beason Thave here altempled it, but I cannot soe hower wer can completely comprehend dis owner under the 3 general heads. The diseases affecting the vilal functions, as respecting the circulation, belong to the first, and fure donit another set of wital functions, the nat commoney admitted in Bathology, it will comprehend ale the Animal functions. The 32 or natural I can't find ovactly distinguish. od, for these depend on the functions of the. circulation, and consequently connet to well soparated from that part of the vital fundions, and for this receson the I have breated of the facilles of the natural under the 30 Mals lach. exico, get it generally beats of the faults with respect to hulvilion & Becochion alone, the

alher facts are referred to the other two chapies as they comes under their ecvent heads. No other of the methods could have afforded no so proper an order in considering diseases, I could not have begun with the trilia of Januages. He calle them Hemonta motherum, but these wile apply but to four, wis mortly comprehensive of thirungeout cases, of which I shall take but few into androom tion. I could have followed to fillio the me. thod of Sinnous, for I could not have hogun with the hearthemala without dairing promonely delivered the Backrine of Jours. my order will always proparer you for what in to poline.

Class I,

Paroxysm ofan Intermittent 90.

Class. Syrexia.

Order 1. Sebres.

This is a natural class; its chanceter is simple Supplys to overy species arranged underil. might have begun therefore with the chenceler The daje, & then en umeraled the reveral of vies; beet I think wer are hardly ever outer in delivering the history over of a years without hoching in view the coveral species that are under it, & much lefe the higher Andord. The higher genera are aluneis in some merello an artificial arrangement, beneve aroun danger of mistording us. The terms febrists Syracia have in comman bearings Sypanymous. Showever show makes a distinction to charge begin with describing the har or eyem of an Inter millent. I shall hove give you a model of the plan dintend to prosecute in my descriptions of Discases.

The Warneyom of an Intermittent comments

comes on with a sense of la situde, which consich of a stugaishnofe & aversion to motion, joined with a sense of debility buneasinch on eltempline it. This infellade is allended with a beguntiend almost involuntary dietah ring & yourning, The pandiculatio of Authors, the whin becomes pare over the whole body, but more especially in the extreme parts; the nose; the teles of the fingers, loes, & the nails love their colours. The buth of the body sonsibly de menishes, the face collapsed, knings, that were formentey light upon the ungers, now drop of. When Ireins, that in health were prominent to extended on the our face, disatificate The shine becomes dry & very much contracted, but the frapilla from whomes the hairs force men more evident bromanhable, & this particular appearance has commonly got the name of Goosewhin. Jo those symptoms a sense of An quickly succeeds, was insibility to that of the illmosthere. A is fish fall in the feet with a peculiar consalion, and water was housed stone Horback, but it engh extends itself beencept over the body. The danse

of told increasing brings on a tremor, usch cohe ceally effects the impans of Boluntary motion, but particularly those parts of the dystem that and not in so exact an Aquilibrium, as in the Under Jaus; & with these are joined signer & con melsere motions with violent succulsions of the whole body. When this densition of the suniver sally extended on the curface, but more who willy in the feet, the Somation of these aller parte is showingly call to the lock of another portan. But in general the the hatient is highly consible of odld, get the body to others is often of the natural; seven realen, temperatione. When this has for some time continued it becomes gradually intermised with a sense of heat which extends inself to their curface be col roma brile of the sale. These file of heat become at length more considerable, h in proportion to the enerouse of these the some of cold to tremer is diministed like at hingth the heat is extended universally in the bone. My the approach of the heat the colour while mels & Hea then returns, it is most commonly first, apparent in the face with reviser & marks it reducto betweener with a drymoje at the time

faroxyom of an Intermittent. 91. the coming on of the heat his the breaking out of the vierect. We shall now smooted to the other Thomamora. 1. The Aulse. Altho coming on of the lattel the fuller is smaller, weaker, & more bequent, buther change of the pulserie promous to any at the ap hearunces abovermenteaned. But, as the last increases, the change at his so becomes mare vidently requelar, unequal, the equently intermit lent; but when Her beat comes on it houls man requiar, stranger, & fuller, but dile some what contracted within its natural vine. In the doction il becomes fuller grafter, & then the bers windhan break. out, kent the subsidence of the sural, accept hours Topier Surcaket, it is freelly nearly in the northwall staic. II (Respiration. In the told fit there is a tonother hon of the Thorax to the respiration is small dil ficielt, & more frequent; but when the surest comes on this constriction goes of mathe breaking he comes stranger, easier, & more free. il there weak gree on elles fiche the bulgo foreier, form the de dine of this returns to it's natural state. In secrety relatives to Sespiration comes on sequickly

* Apon the sufficient that the Patient before his being attacked with the Disense had been accountained to chour Johnces, take Inuffec.

outsides; an ansecty likewise from sicknow, do frendeng on the shale of the Nomuch, and on & deering the whole of the four oxyum the patient has an aversion for animal food, we the usual appeliles for loliacco seenlindly cease. As the told fit advances a hausea arises, uch often proceeds to arteral romiting which is more or les belious. The hausea coems to have a share in bringing on the hat fit wis always must troubecome about the decline of the cold fit. Its the Cold ver and lower of the hat fit the comiting is considerable increased, her I decreased as the host fit abovence, beautively come on the breaking out of the west.

In the Seritions the changes are remarkables the mouth in the cold fil is dry, & clammy, & continued in that states leve the atthe arance of the sweat. The state of the patient with respect to thirt reaches corresponds; it arises in the rold lit with the sense of drynofs about the mouth beauces, to in the hot All the dy mishome are a humina versalion in the Threat. The Urine, in the told fet, is afa hat more, in he hotfil on the contrari il is do ber but without any appearance of bediment, but in the sureator the de l'imater stage reapieres dos mont is common à delia orter. It the and of the hordinaling a the

convertine) affections arise that continue the

the commencement of the 2detage. the particulary I have mentioned comprehend ale the the nomena hat occur in the paroxysm o an Intermett nt: they are different in different de grees of Intensely, in different persons, & in diffe rent cases. The periods of their continuance are from 5 to 30 hours: l'agel indeed nas extended them but lo 18; but from Sopeniones thin dreason

to give from a greater l'aliterate. When the disease proves jalac, the death of the paleent occur in the lord fit, without the hotfit being fully formed, but, provious to therdeath, the hat hit generally como on, The however has been an object of disputer amone, physicians, best I believe it may be aftablished as an invariable fix neipie hal no person in the haroxyom of astonerdies after the hatfit infully formed.

The consideration of Fevery an entering into the greatest frank of diseases to wet the human body is subject, is a disquisition of the highest imhortance. I begin, for reasons that shale be

hereafter mentioned, with a single paraxyam of an Intermillent. I described the Series of The nomond in succe foion, & marked the someral combinations, at the same time attentive to the proportions with respect to one another, as to their presence or alwance in deferent cases. There is hardly an instance of a force + consisting but of a vingle paracyone it prequently occurs however that the heat deales considerably, and the pulse nearly returns to its natural state: the halient appearing protty the from any cumptones it Lover, be this we call a Remission or appresia. The hace of time from the end of one hat occum to the begining of another we will a Memiforion, but the space of time from the begining fone purocym to another, after an interval succeeding, we care an Intermission. Wer observe that the Remessions & Intermissions are nearly uniform & the Parox your commonly wherever at water periods, but different in different cases The most unual. internal that occurs in 18 hours, & this we call a Tertian period. The terms Quartan & Tertian are to be considered by the coast measure of

Paroxysm of an Intermittent 29. Meir distances in recurring. Mercallita Sertian when the beginning of one sarozysm follows that of another at the interest of 18 hours this is the trequently occurs at the distance of 72 hours weh we denominater a audidian. There are some again whose internal and thorter than the aus ledian, & others longer han the Quarten; these hourover have been disputed, & think it unnece, vary la determine) as to their existence, because they are a nomalous & only varieties of therequeledean & Quartan periods, The paracyons in different forces are of liferent durations, they continuer from 5 to 25 hours, to any number of paracyones that admit of intermissions have cach paracusm finished in less than 24 hours, but. vome paracyoms offevers come to no appeared in 24 hours, & al the end of theel fremion and renew. and breen their course as before. The hot withe serealing fit howeveret, though they ares not enterely remoured, yet suffer an aboutement of their intensity, and theses are termed Comellenin Levers; by Linnaus Leacerbantes. In cortain

Levers the homefsions and more or lefe consider able, and the return of the parocysm is called Acception; this is more distenelly mark on by the acception of the cold fil at the leginning. When the Rome from is without Sural, he lyn thome, milder, be the returning paragram without any appearance of the cold, & roly distinguished by the correctation of the holy it, him tisouse in done orienaled a fantismit forcet. The home from inc some cases is very difficult to be distinguished, & from their physiciano praor conecius hor exidence of a forest subsiding for many days logother without pararyoms; this is the solve continend & Quellors; but, without ontering into the dichinan of the point, whale only observe that in all my repenience o never had an oblimbunite of the serving a lesser in that join. Thetaleartan jover has a long internal ber thort francey son; Hor cortias with a shorter into mulein has a longer parosysm. The quotidian hands paracyon Ponsor Intrade Con without of the ormer, be when it continues beyond a period of 24 hours it very frequently were dilution, see into a Sometons

Bemittent forer, The lection often changes for quotedian, & the latter is prequently conserted to a remillent of the most continent kind. There forcers preserver a great affinity with ouch other. The history of Intermellents should be collocted with the utmost care; Outhors have been by far too concise in the enumeration of himpsoms. The best descriptions that ares extant ares in the Apho resms of Boerhaanes, Hoffman, win Neghams Disouses of Minoraex. Another Quethor much hy no mouns her amilled, though his name is not affine ed to his book. The person I alleder to is Sonae de Be candila to brium Intermettentium natura. Shall more proceed to investigate the courses of the phanomena, which will better enables in to understand be a lepty them. I shall begin with her proximate cause, tremous to my entering upon the 3 Title, the consideration of Genera Thecies to an accumate distinction of which the Proximale cause is of the kighest importances

The arder I shall hereie in every descence)

1. 0

- 1. Definition.
- 2. Description or Milary.
- 3. Proseimale l'ause, la africh us in
- 1. Genera te Species.
- 5. Remole Causes.
- 6. Brognosis.
- 7. Mothodus Mextende.

The protidnale Cause of Fevers.

Hore I must onter upon Theory, there is no part, of our physical reasoning but what is complical. col, but if these are carefully separated into dislend branches the complication that appears in The whater wille not we perceived. For the security four bearanings on this subject I shall be more Eyenland on the establishment of facts. I don't pretend to show the me ceferency connection be dereen the cause begfeel. The whole of my dearoneng consiste in the dudy of any luce jacle so connected in point of leme that one lollows the other is is consequently therefeet of the other that proceeded it. Huer can but a secretain the

wality of our facts, the connection between offects becauses with be left difficient to capitain.

The involigation of the proximate cause is a difficient problem that has he thorte baffled ale. the attempts of Physicians. Trannot expects is solution of it free from obscurity, but some a. quisition will be made by a nearer approach to the truth, & by determining the method by which the Brablem can be valued. I shale at least hing His matter to a more simple question, keget rid of the false theories that have misted physicians. The first difficulty seems to a vise from hence; The phanamena of fever and numerous buranous; bruse, cannot sasily refer the whole to a cammon broingle cause, you from the phanoma being so constantly combined, me cause may be place sumed for the whole; & as the series of ymptoms are in regular succession it is predumed they defrend on one another. I confejs it is by no means improbable that the causes may be compounded homany of the Phanomena, enumerated depend on causes accidentally concurring At present housever user shall not embarrafs aurselves with the supposition of a compound aurselves with the supposition of a compound cause, but enquire concerning the common cause of the whole combination of symptoms. I shall be avoid hereafter to determine what when the symptomate cause & what are the symptomate cause & what are the symptomate accidentation. If you are desirous symptomate accidentation. If you are desirous symptomate accidentation. If you are desirous symptomate accidentation that is built on the motion of a compound cause I referr you to decommon.

I now proceed upon the supposition of one com mon be simple causer of the whole Symptoms com bined together in fever, & here I coincide with the object on of pathologists that Symptoms were dependent on each other to of which are dependent on each other to of which are dependent on each other to of which are many being affected the increased action of the heart to affected the increased action of the heart to the the principal & Seading Symptom in fever, the hot fit was with these ospecially called the host fit was with these ospecially called the first have been considered as the causes of this have been considered as the causes of this have been

sidered in this view must be occasioned by the application of derect stemuli to the heart Granferios. The distinction of derect & indirect Memueli much be sufficiently aborious. The former alludes to whatever is immediately ap = plical to the Seart & Arterior; the latter in plice an affection by communication. - The cause of fover then has been impuled to direct Memuli, but with great impropriety, for the they encroplen applied & The retron of the heart in consequences increased, yet they cannot bereald to praduce Lever or any disease. Incuraper con that by weething could increase his hulse to 120 in a Minute; but it com cubrides without any further inconvenience; & il is owner! that the hoarh own hos excited by things & the direct. stemuli without a disouser loing formed. There inercaced action of the heart can mover besto nomenator Lever, to constitute a decouse the offacts much bespermanent, & considerincerlain circumskanees in concurrence on dicección, Is to the nature of these; many distulos have; occurred; the universal & common openion heres

even is probable, that the increased action of the Heart & Arteries, following the cold fet, constitute a forcer; no one can explain why the increased impoles of the blood should produce a coldfel, A therefore we must seek for other cruses mon adequate to the phonomena han derect limite: Mer shale skierer in what manner Brachame has proceeded, and opinions & reasonings under always her more intelligible by being contrast ed with apposite opinions. Some ones of out? her acquainted with the System of Brethances their must be necessary, the the dudy of the doctrines of Galen may be dispensed with. Boerhauve then enters into the suffrantion of compound causes, that whiles ones causes occasi. one the cold fit another acts when the heart as a stimulus. And. Brech. Aph. 576, 381. 382, Alyon allond to him horas you will find him consider ably embarnefeed in point oflystem, benesis, entirely at a loss which opinion to redolt. Fran Sweiten has taken up with the latter supposition, but has not totally explained how the ones is produced this a consequence of the other. The first

queckion is, which of the less clases proceedes, butof this Fran Surden is onlively selont. It is pm. bable housever that Boerhaaner suffrond a Direct demulas to be the fundamental cause of forest; and that the irritation of the heart was the circumstance primarily produced, but as to any explication of the course irritating thestrant both have been swent. In what manner did her, imagine the course that they adduced, int, allag notion of the flerids in the catromes retools, was oficient in the production of the hopfil? They could not coplain it, their cause was mani feelly insufficient, & Boerhaane: was sensible of the necessity of recurring to some other; in his 159 Whorism, her impules the cord fit de an inertia liquidi nervici, buthoras hes in e miderably embarafsed brallowther in a wrong hain, for he is wrong in his order of precodency, bedea not attent to thie, that what is first in the ordinary limes is first in the cause Surfect, and as the cause of ferrer first operates in producing the cold fit, the increased action of the heart that follows much depend on the cold let.

This cam disposed to assume as a fundamen tal proposition in the Investigation of Prosi. male courses, and that this is the cause of the consequent hat fet is probable from the uni . rewally of the fact. The lestemony of Haffman in the first page of his first wolumes is drong in support of this, but the poculiar incomsis lances of Browshammer to Fran Juciton on the subject is ananishing. Proceheave in Uph. 756, is as explicat in favorer of the ohinian we mantrin ar can inche her conceired. In this apparion, recording to him, the cold fit is the firema causa befundamental circumstance one which the other phanamena defend, on the re mount of which the rock of the Symptoms go all. This comentator has been also more particular in the explanation of this doctrine; yet after ait, the cause is limited to Intermettents; but it is evicent that whatever is abmilled as thescause of Intermittents may be admitted as the cause of Lever universally; whonce the cause of the cold fit must be the cause of every other februic Symptom. (The sentiments of Hoffman coincide

tracing its relative phanements.

According to Belini & Boo shaanes the Symp loms of the word fit were occasioned bya this couly in the that, which rendered it unfremm eathe to the minutes retremeters of the rapillaries So henceitely gnalod in the to foods. The impenfection a doctrine built on so light a foundation could not escape the descernment by constration of Boerhaave, who sensible of the montperency impulco it to the Inestia liquidi nervosi .-Fren election proceeded stice further baltogother reserved the viscouly of the Antonial fluid, to alled ged that the phonomena depended on a. change in the horrows houret. Intheyth, in his treatice on the nones desenses, expresses himself in this manner, that the sense of cold is not own ing to the stagnation of the fluids in the smale cutaneous refsors, but is occasioned by a shad= madie constriction of the melecis & 3.2 Ond. Inhatt. Consider it therefore as a point estabilished by Boar haary

Boerhaave, Fan Swelen, Hofman, & Sthyt, that the cold fet is an affection of the Herrons dys--tem, withis is connected with the most in portant declrines in modern pathology, bis the source of the chief difference in the present from the ancient doctrines. About the lime of Stippocrates there was come attention paid to the motions of the System The impelien facientes! as the cause of descases, but with little success, nor did Fravistralus pother methodic seel consider it to better fruspose. The attention of Gaien was confined to the quality of the fluids, & to an active prower, which her calle halure, that derects the motions of the System. This was the progress of openions relatives to the causes of diesa ses; it is agreeable to observe the progress of the human mind in improvement, as by this wer can perceive thes errors of the old, be the principles on which the new reasonings, an colabeistice. Tile the middle of last century lettle was some by the antients or moderne bueards the organie Seplem. tran Holmont inder proposed a cominegable celeralion

alleration; by his Archeus her led to a conside. ration of the state of motion in the System (x) mantained that this had a greater share in. the descases of the body than the condition of the fluids which hellionla had been alone du died to attended to . His doctring housenest was esterned sofancified that it was entirely rejected, nor had it better succes though siperently his posed by Dolous. About the middle of Past con. tury the pathology in all locks was the came 180 consisted in a certain Tomperies at the failes -Tower were said to consist in a protornatural heat list was not life the server alion was complated that this was rejected. Sylving dos la Bou found Tover to consist in an increased empetus of the blood son quick and pulses. Boor haaro adopted the notion & their made a defi beyond the ancient doctrine; but the principle was not sufficiently extended, for if lover was only an increased resortly of the brook, the means of cure worked he mounter to diminish the relocely, but this is insufficient, for it is progrently necessary to encrease the intection by art, and Physumans

Musicians at present are of opinion that the operated for the blood is salutary kan effect of malure to remove the disease.

This oninces the necessily of tracing the Course of Jover farther than the encreased velocity of the Mois. Belline to Boschaave, who have had the greatest share in forming over present system, have adapted the notion of tentar bracomany, as the causes of ferer 12 3. Och 598.1. We there, mother of cure is to dissolve the lenter, & cornect ing & capelling hier acrimony, Haffman however has given us a different Idea of this subject twee must reknoundedor him as the great Reformer of modern pathology. Her first inventrated the general doctrino that health (sdispase) consisted in the motions of the System (1. ch. W. de Goneals: gia . Hortomem, Joch 8. unhores hes laye down his general doctrine of what he could the forenda tion of hearth, an it consists of the destate sideas. - los in the colids tespragrative motion of the Meido. This is derickly to our purpose, beproperly understood, amounts to this - hal that state of the body in health & desease depends fundamentally

on the states of the Merirano System, on which the moving powers in every part of the body depend. This is at present so obvious that it is astonishing it could everage the allenteen of Physicians, for althor Willis, Inobjer, marton, & Bragine first mades at lemple to establish a homous Enthalogy, yeld inte Afman who effected the most important change from the bearing of Physics to the present period. Agreeable to this doctrine Softman considers Ferry as owing to a change of motion in our Prescular solids, or to an affection of the libres of there, which in exect is on the horrous dystem -Kouppered the Prasimale lause to consist in an Sparm of the artreme Unteries, interely neglecting the date of the fluids. Consumant to this his method of lune conside in besolving the Maron by vene dies poculiarly adapted to act on the merroustys lom. This doctrine is just in the general position relatives to the nervous system, & the it is long since it was Mabled it has been Wille proseculed by physicians, hardly oven a chnowledged. Le was unable indoed to extend it, & could only establish forme general truths, without a sufficient enumeration Tharticulars. The apstogy of van Swelen, insiman & convolves [1: 578.] The doctrine of Hoffman was Paid aside whis truthe neglected because forme difficulties attended the application of his, system; at present housever physicians are more sensible of its importance whene come pretty nearly into his opinion.

Boorhaane himself, from a conviction of the infleeence of the Mervous bystem, has added to the 2? Id. of his aphor, (786) an affection of the therrous Gotom, besides the viscosily of the blood, Here in . Loca a hint is only suggested, but his commenta for is much more explicite. He afterma that by the triscaritas Muide arteriore must not be under wood a change in the condition of the filled itself, but whatever prevents it's free paforge that the Hef sols. He demonstrates that Intermellents cannot depend on the circumstances of the circulatory of socretary Systems, but on the wasa legierda Incephalo. wich is plainly referring it to an affection of the hervous dystem. (1. P. sho. ! He have now brought the progress of aprinions with respect to fever, so far as to find that the Boerhaureans coincide in our doctame relative to the Mericares dy stom: how this produces

the cold fit wather The nomena Jam now to com

How may be surprised to see me so anxeous To prove what apparently seems to require nome; but my moline is morely to afaish wou in the colition of any objections that may profibly oreus to you. I would seek nothing on more authority; beet when Jam superior by men of judgements reflection it is incumbent upon me to pay al. tention to their arguments. The I am conscious they oftenion is well grounded be supprorted by the greatest Muthorities, yet candour must color the confession that it is by no means unwersal, than an ther of the highest reputation in physic has exfreefly opposed et. The person Sallude to is dense, who as her is the first in honous, so I exteem him the first in point of Inudition, in France, In his roalise de recordità fobrien intermillenteum Interia, (2), her observed that the cause of Intermet tonto has been referred to the horsous Systems but afterms that the advocates for this doctrine are rather triffers than physicians intent on the cure of diseases. all this is alledged and the doctrone of tran Junion, & contains a strong declaration

grounded waterious. But his opinion in this respect will have little influences; it is easy to throw an impulation of mystery on the Hernous ystem, be to declaim and course a sonoibus te mole; but the confusion may have anisen from. the observely of the subject, end when properly investigated it will move dearly obucidate des cases than any other doctione beticito adducad. When Mortonac looks the pursonal the world befeels it to be weak, he concludes the contraction of the heart to be speak, & this is a cause missus son cities obvino as much as from a weaknoss of as muscles, he concludes a weak influe of the her cour power- for the retion of musice dopand as much on the horner as the pulcation of lirlovies on the heart, & they a colounting objects of sonso, with the other parts of the lady. If diseases may arise from an affection of the horrous hower alone, there can be no hesitation in admitting it as a cause of disoases. It may with equal sustice bes admitted as the bile, to a change of wech denac averifies the cause of Intermittents, a cause as much removed from our senses as

the hervous power; & upon the whole if denice had chevered the raisely of disonses that arises from affections of the Hervous System, he would certain by have found left difficulty in admitting it in fower. But her himself, in his 5. Ph. 24s. Any fields into the very rear he condowns, to consider as without to as wan dweiten to ourselves the cold fit extrattle as wan election of the horrows System. In strongly, that I shale adducer some of his Anywe sments in illustration of our doctrine.

I on lune then that the course of force is to be cought for in the cause of the cold fit. I shale another for in the cause of the cold fit. It shale in the course of the cold for in the cause of the cold fit. It shale in the course of the cold fit. It shale in the course of the cold fit. It shale in the cause of the cold fit. It shale in the course of the cold fit. It is shale in the course to the course of the cold for in the cause of the cold fit.

Recapitulation.

on inivestigating the proximate rause of To over I have made her sleps,

1. But it is the cold fit of fover that proporty

constitutes the disease, be that this the fournation

of the hot fit to the other series of the nomena

that follows.

2. I have mantained that it is an affection of the Morrows wastom, & this I have endeavoured to prove by the arguments adduced from ban Sweet lon. So observes that the who no mena of the cold fit

Shelter.

come on co suddenly that they cannot be imput. ed to any change in the dangeiferous dystom, beet meist be reformed to an affection of the henres or mairing powers, which are so readiles broasily changed. It is often brought only circumstances that bont act on the fluids; as the trassions of the mind, whose openation can only be referred to the morrous eystem to these I and a nother consideration, that as the circumstances of the cate fit manefoot achange) in the motions of the bedy, these changes must be produced on the moving powers, and do every animal action must be performed by Incercular fibres they must from the dependence If the so on the nerves he referred to the Merions dystem; hance likewise the motion of the heart, kes the blood wich defiends on the heart, much her in-Afterenced by the affections of this system. I thought it necessary to establish the dodn't as fully as possible; if you book into Bornhaue Letran durcilen on continued fevers, you will find no montion made of the nervous system, but much upon contor, triscidity 80? In the subject of intermittents you will experience a differentites

Ty, but as in the first case he makes no use of his general principles, we may conclude them to have little foundation or utility.

Saving their established that the cold fit of fever is an affection of the Nervous System, wershall neck enquire wherein it consists, trendeavour to trace et.

Capte with Boerhaans that it consists in an Increta liquide normosi or a debelily of the nervous power; the faller in the orthogiston Ishall use in forcerones to the riquidum of Barrha we). In ar plain what I mean Swill suppose it be be un dorstood that whilst the motions of the System depend on the action of moving libres, what here egain depend on an energy of the breain wich we denominate the Hervous pourer, The laster lude that begins, be the invensibility that is often as companies, the cold fil, ourdently show that the herevous pouver is considerably weakned. Ado: betily also with weekert to the heart & arterial System occurs, for the palenofs of the extremities and the weithnofs of the pulse hew that the blood is not his frelied with it's usual impolers. Hince Conclude that debetily forms the hegining of he cold fit of

fever, be law the foundation of ale the phanomena.

In this part then our districulty in theory begins; we are to show in what manner the state of delutely is brought on in the heart bearteries, before their, produces an increased force of action. This is an difficulty that I shall not attempt completely to at plain, but shall refer it to the general law of the System. The arimal Oconomy is so framed, that on the occurence of any deviation from its ordinary flate, this very deviation necessarily produces a deviation to that part; to restore it to its own balance, in the same manner as bullast to a ship londs to restore it to its overt position when the wind has occasioned an inclination to either of the sides. The animal Remance I subjecte is so transed that whore a devention happens from its natural state is has a landency to restore itself to its former con detion. This is what constitutes the vines natural modecatricos, the A vrox garsia do lamos in the phono of Physic, you may if not sufficiently requarated with the nature of this houser, convell & fautius pathology Chrom 638 to 650 peperer you wind find the gereral fach reflecently established; the nature of this law has been defecally

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differently explained, but we are not here partecularly concerned in the different ways of ex = plaining it which woods oredently load us into a deparates consideration of the subject. I shall here a fource it as a fact that is over where admitted, weshall vay that when any thing has been employ od to weaken the hervours paren, if it has only gone a certain cough il produces a waterion of the brain oran increase of its evergy. And if it shall appear that codaline be to forgerant bowers operate in thes way whrom secondingly who want, is opium be los mulants, the analogy I think may be fairly trans formed to the present states of force. This lavidy out -plains how the cold fit brings on the hot hit by referring it to a general law of the yelem. I will fraced a dep funther. For theres palues medicalrices have been explained live wayer Stackl whis tollowers have resolved it into the houser of the done acting for final purposes to not from any necessity I the deston itself. But there are others who say that whatever concern the dout may have, yet its morale--ons are constantly consocio with a cortain moch unum of the corhered parts wiling whom each other.

But without discussing the ments of the 2 openions, the last is universally to be tried that mermay fee how farities a piece of Mochanism. Therefore I shall go farther than the Machlians wonguiro into the seem ing mechanism that take's blace in force, or how the cold fil produces the holfit. It is allon too with har becular circumulances wich may throw some wicht on the sechect. The weak not of the heart brartories that occurs in the Coginning of the cold fit, accounts nery were for the fralenofo, collapso, beeron, ondrection on theourtains For as the Animal wolid is elastic to the degree of dension in the ostome reflects is ouring to the hind propolled into them by the heart branteries, if thes les withdrawn the colvenie reforts must be consi. derable contereled, & this in consequence of their simple Madreily; but there are also many beasons to think that the extreme vefsols are onduced with muscular contractibily wich produces a moves her--manent kind of constriction in these werele for if there relaces were only constricted by their um. ple Masterity May would soon be received to their former dimensions whon the renewal of the force of the heart; but Towndently appears in the haffit

that the action of the heart is restored but yet the constriction is not removed or taken off as appears by the dryne to of the skin, the mouth, todaying up of Ween, & collapse of tumors, which show that the condition remains a long time after the action of the heart is restored. Hence we conclude that it debends on the contraction of the muscular fibres, weh is the Shasmus Soright This contraction may be alany times brought on by the application of cold to the surface, & this is the cause of the cold fit of fewer where action can in no way be recounted for heet by producing debility; now as this constriction produces a scartion to increased impetus in the part wet is evident by the glow induced after handling show yo so dold may be applied to the wholes on is to produce a constriction environally over these ystem - to by age record au of the Conomy a reaction or offort is hinduced to mercome the constriction, wet produced the hat tit with the somerne incumstances allending it. Thus then use have in come measure allemples to where the phanomena of the cord fet.

be a boison, weh weakens the hervous hower in

consequence of wich the action of the heart blanger refects in weakened; the Poloco is hence not propolled to the extreme refsels with it's usual impe. her, & these are contracted by their muscular crats anatural of asticity combined. A vense of cold accompanies the constriction, but this is partly ourene to the nervous pouver heir with drown. the allogether produces a reaction of the herrous frances of the heart kartoning, & the construction remains lite it is taken of by the increased action of the heart when a sural breaks out.

Some dificulties may allend this doctrine of the -charical Connection but these are not so constiderable as those altending any other notion that has been offered, with does not rest its moret in the more idea of the connection between the rowerd parts, but it is really astabilished in fact. her delse bety is followed by a Shasmodic affection of the smaller erefords which brings an an enmonio action of the heart & antenies, and this continues lete, the onengy of the Brain is restared & the constriction nemoved from the Boysels.

(Lever then consists of three parts Poblely

1. Debility.

2. Spasm.

3. Increased action of the refeels.

Is those are successive in the arder of lime, so to each after they are mulually rauses to feels, & from hence were may understand the indiant of several parks of practice that have been husined.

I have now given you my Theavy of Several deliver it as a doctrine to me extremely probable, but worth advise you to receive it with raution, and that you may so receiver it, I shall mortion the stifficulties attending it.

Objections to the Bracimate Pause of

Sind, as I said that fever consider of 3 states, the work, as I said that fever consider of 3 states, the work are the most prequently shorted to the proper much condently take place. It is mangreed to the man for the man his. In Information to the mon the stand of the Exercite, we observe the sharm and increased action, but any provious states of debelity does not appear, and hence it may be wild as Spasm arises here without Delility, may be not also occur in fever without debility? and there not also occur in fever without debility? and there her only as Ir Hoffman supposes spasm and Toffit.

But this affects us little, for when wer come to In flammation and the morrhage we shall find that here there a finite of an explanation on our System; they have a presious debility or what is analogous to it; but even suffwring it, it could not amount to more than this that Cyresia depends on sparm, & there is a difference between enflammation and proper fover.

Additity is always present when there is a Panguer, la fillede to of the woluntary Museles together
with Anorexia to which are dymptoms of the same their being present long before any thing indicating
Sparm, and though nothing shours it so evidently
in homorrhage and In Pammalion, yet it is no ar

-gument of it's not taking place in jourt.

Some of the Comster lausee we of a debilitations Sedatives nature, which we cannot perceive to art any other wise as causes of frasm than as this lot lover from lauses of Sobility already explained.

Supposing the sauses of Sever to direct causes of spasm, we cannot suppose, the spasmodic effects should produce first detailly and immediately ofter-increased action; a double operation of this kind is searcely credities.

What

What gives us the greatest difficulties is therapera hon of sld, which may be supposed to produce je ver, now the operation of the is contrary to tolively, but when the of milion of the is properly a moidred wer are quickly whiched from the Imberrylement, 1. When land alines rete on a body in as to produce by resid it is a the Inflammatory Sind. I am of opinion Mat it is rever production of permanent fireto without processed by my home of Deceptily on some lobrical affection. 2. Wil be true Mil and does not produces a funder power but where delicity & other auses have frece tes, it will establish our horry. That it will produce Sover where debility has proceded is very obreaus; it's effects are houndly considerable, except when it acts on a body convidently weathered. Svery one much has smither that her has often keen exposed to cold, even to considerable incipatedes of it with out any bad offeels; hardly over is fever produced by this means without great Ingenations, Rebeldy from Unine Jenery, Convalence new yes concur, hence Mor causes of sover act in producing delicity because when carried into the body then reguler it walle to the action of istd. Loulagion and . Miasmuta have prequently been taken into the hondy and no had

Serrer

Hoch have followed will Cold concurred. Monce we have this contained by the general doctrine laid down that Contagion introduced produces Debilely, but is not sufficient to produces Sparm unteforded be applied, end then that degree of lold, which athers unse would have produced no evident or considerable excels fireduces spasm.

I shall urger the Objection the Operther; it may be alled god that extreme coto appliced by itself does often produce all these Symptoms which we have esplained as the effects of Debility, and honce that it may pro-

suco all the offeels diversed inferer.

So Hilis Sansurer Cold in many cases nels as a it beletaling power, or a powerful de Dalive, and declios lefe alto gether without producing Spasm which acts no a Mimolant, and honce Cold in acestain degree · hort of that above mentioned muy fritauro, a tobelety and refler that on the continuance of its application producer freuen, but it never produces Masm without first producing Solutily, but even if it could it mould cedes incebles to produce fever unlifs debility has pre-

How allow Spasm to produce Debility it does not , alter our doctrine, it state consists of 3 parts, for

a debelitant, get different Indicatione will arise from its diversely of action.

Milever difficulties may arise from his consideration of Cold, and suppose we should allow and costains cases had Debility and Sparm arise from lost, yet in cortain other cases we find contagion of it off sufficient to produce sobribe barosysms without the operation of lost at all. Homeo I conclude that our doctrine is probable that there with in fiction at different times with different proportions of Queralien

Increased Action.

forther and applain the foundation of this connection; here I acknowledge that much much spicely may occur; and I shall not think it safes to enter far into the subject at fresent. We can easily understand how debility by weak ening his action of the heart and arteries gives occasion by drawing the blood from the retrone.

Sover

how this frambdie Constriction prouses a Memu hes to the electem and produces a reaction dean only account for by referring you to the tries Delura Incoventrices, where a senser of this Construction be an incoplicable law of the dylim produces the reaction thirtis necessary, it is e nough that we know the law is initiaffel to hefer to it. I might here say hat mereny a jourse of doly lite is a condition of the same hind & creises on the necestary reaction, but how to ac count for this on Mechanical prenchice is dithe such; that it is produced partly by debility fraily by Spasm, but has debility fireduces the Reaction by the Intervention of Mases.

Many other questions might here occur on this subject, as how the increased action of the hearth arteries lates of the Debility and Shason which were it's causes; this Inefer to an after consideration, I conclude however that these three states lates filace in feve; that Detilly specially takes

I Fram the consideration of the mount by which every fover is produced.

2. From a consideration of the France lauses

which arounde of Biem of a debilitating and Sederhoe

3. Because a state of Debelety especially takes place with respect to the animal functions ands outiesto Purino Me courses of the power, herees use might engines how encreased action takes of Debilite us well as Spasm. He find an explanation from cortain dyniplanis.

1. With respect to rigor, horror be tromor, which make so considerable a part of the cold fit of fores so that some Whersicians have considered them as constitution almost the whater of the afofit. At The temes they are the consequence of external. cail, and they have been considered as the offect of ond hat always accompanies the first dage I foner and produces no other of ceto than a sonce of cold does; but other rauses beside valernal cold may bring on this bremer; as fear, leuthe fear may also bring on cold, yet it sometimes brings on bremor in a greater to gree them it does call. The meest here consider wherein it most especially mist. Mysiciano have suffrisod Tremoris. I two hinds, Conversive and Panalylic, but with what profinely they have considered to former

· hereer

us tonnaloiner I shall not now enquire; but Jam certain of 20 cases that occur 19 at leath are Baras lylie, or symptoms of other diseases of a telestaling nature; honce Mr Jaunages has improperly put it among Consulsive disorders, Gautins with more Judgement has made it asymptom of ilteria. convider it in the latter view, viz, as an offeel of Debuity, Every one's observation will suggest proofs enough of this, thus tremor undera date of Delilly only occurs when ever allement to move our members but when sutiported this tremon does not appear. This tremor Seonlend arises from a combant alternation of the weaknows and the Morts of the Mile, So apply this there are many instances of a motion of the energy of the Brain that is without any conscious concurrence of the cheration of volition, thus the unight of the under Tree is supported by the muscles, if there are ner arated by sistane or slock they fall down so in the ouse of debilite there is a constant indination to fall and as constant an inclination, though without over knowledge, to support it; honce bromaris a constant offert of the existen inten. endecenousing la a reaction, which it is uniter a

Hater of Debility, and thus tremor in the coldfit of fever is a mark of the reaction which is to follow being abready begun. It is not monely any nothing of Debility alone, but this is mixed with a constant endeavour to support the tone of the muscles. This is reasoning the ordically, but shall bring out my conclusion to here matter of fact.

Jay it is a mark of the Bearlion leving boaun, for as this trem or is more a to more strong do much soonen will the Spasm be over come is the fewer where four a Solution. The tremor is thence mino con siderable in an Intermittent, than in atoantimed fever where the Spasm remains a longer time to the paroxysm is of a longer duration. His chae the paroxysm is of a longer duration. His chae in purhose, in page 20 de feb: tecond: nature whose her discover that fowers which have great right to tremos that fowers which have great right to tremos in the he spinning, with nearly all of them damit

he horror, bremer Uriger is always most considerable in those Intermettents that here the shortest paracusms, honce it is most exneident the in quartans, left in Sostians, and still left in thelinians.

Critical Recolsions that sice a solution to the disonse ares commonly disting wished by some extraordinary horror and tromor, Hese are then not to as considered purary as tymptoms of Delility, beel of the reaction of the System, and from the condition of these we are led to judge of the condition of the diseases that is to follow. Sere como difficultios arise from Brechauser (Rhhairsmy 19! A Wink by en fabris prejor & he means the cold fil will be severer; and with respect to the pulsus citalies, debiles, parmes go to they are in meater de oreer they will then the fewer to be The worse, But this is not the case with restreet to horner, fremor, rigar & as in the quartan, when the Change eyem is charler, so much severes to the hories, brem on risor by. In 623 her sound frique felinite by, beet this last Uphariam must be understood with reacus to the Some of Cold or the retual cold produced and observed by a hesslander and unaccompranied with fromor, regar &? Whother the plague has any " gor, tromor & horror I won't say, as praditioners hand not mustod it with exactnote . Polsosalies, de febre pestilentali, says that whilst there was a slight horror prosent there was so great and ab hadler

i keller

abstraction of Heat that the limbs secondo, as it were frazen with call. many other proofs mightber drawn at an intual Collenofe that often lakes place in Her feet, and his dymptom when in fevers of the werest hinds; but the horror and fremen ares to be considered as a mark of the reaction being be que, and according as it hecomes more considerable the parocusm will be milder, bois divilen only refere to Sydenham's, recount of the heaque, who say that some of the work cases comes on without any coffit abate, This her supposes to be the cases from the general Jenor of halure, but does not absence what Connection it had with the event of the desease? Though all horror, bromor by bring on dangerous forers, yet when the reaction is begun the deli-Estating cause may still promail and determent the after state or consequences of the desease, he facts of thoneau on the subject of the plaque are Arong in confirmation of our general doctores. The now shall consider another set of Symptoms relative to the state of the Stomuch. Un affection of this vivaes is so constant an al landant.

iherer.

with the general affection of the System in which fever concesso, that it's discussion is of the ulmost importance.

Sethologists have had become to a particular maller lad ged in the domach, which by the irribation it produced, occasioned fores hence the heavy of the Bile being a cause of fores, sagenerally adopt to both in antient and in deen limes but the whole If their dodring is rendered toublful from the Sto. much being oftendisordered by a fections of the no mote parts of the dysten. Cromiting is often from decod by Sympathy gand in a deliquium Unungin onsequence of theres den, where, there is no derech action on the Stomach, it frequently occurs. Res soon as the blood coases to flow the delianing comes on and the tramiting that requently follows much he firmered by the general debility at that lime provolent in the deste m, and hence whatever or mail a certain degree of waar hoels in the body may beer a cause of borniling, and this general dympt. and in the lold fit man her comidered as the cause and obstinate tramiting is a demitten of fever, which del aller marks demenstrates a greent degree of tobelety; but besides thes goneral weatings it is hat some circumstances in other pourts have or share of the offer the nameling not only de

(a) ve, when the hot fit is fully formed.

pends on a general delitity of the Lystem, but also on the harticular state of the ourface of the bady, the connection of with the Homack is too well, Minatur to resider any Jurther explanation requisite There are some deroumstances occurring inferer even in the call fit, occasion bemiling to take place whilst en the holfit it onlinely wars. This is the stater of the tool and it serves to bemonstrate the dependence of Cometing on the constriction or sparm on the surface. I there is removed, and the circulation is filly established on the surface the fromthing immediately ocases, This is borneilifielly illustrated by a fact of Desydenham, he very that her was disappointed in the erser of dudanties, by the tramiting that a companied the Jovers, which immodiately evacuated them from the Morning the Quaphorelie Mediene, her proposes to employ, her observes that without restoring the motion of the blood to the our face he could not got the Marines to remain on the Somach, ocoin a to the constriction on the surface depending on the general states of debilly which this was any Mark to remover, his particular Symptom of remiting Storefore is a confirmation of our general declare. of debelly of frasm, the particular operations of which. in producing Comiling wer shall not attempt to are in wer rast contented with the fact, which is ace that is necessary for our purpose.

At length, after numerous Authorities deduced to objections rejuted, our doctrine of fover is established. Mer allodges that it consults in three different states of the System, Debility, Spasm, ban increased Impelies of the heart transcries. These different conditions are the same as to cause the feet, as they occur in the order of succession in the descarse.

Tremon, which is a mean between Regor to Horner, have alledged to be an Index of the reaction of the denserium having already commented. Thes wire admit of a particular applecation, bruse shall hoint out a view of this subject different from what Systematics have delivered. Boerhaane has her. - ceoded on an orranious plan, for from observation it is condent that the bromor is always in propor tean to the consequent reaction of the Syclem; if the former is considerablines reaction will be greater, the altended with a more complete resolution of the Morson. This is a gree ables to the abservation that the Tremar as always most considerable inthose Intermittents that have the shortest princesoms wasmit of the readiest wolution, who was in those that have short tremors the reaction is in com

pletes, & ane brable according to Sonac in dicturnetatom abire, & ber converted into continual foreit. The fact seems prolly well established, that Domiting is connected with the fluom on the surface of the body. The courses of romiling do not act immodiately by producing the Inacuation, but occasion a sicknow be nausea. He find the hanvor to hora symptom of the Delicity of the Shomach, and this is agreeable to a general law of the System which occasions the exertion in aromilling, by wet the cause of debilly is remon ed. That such reaction is produced is evident from the practice of exhibiting Emolics in the cald fit, the effect of week is to promote the accession of the hat fit is more speedily to finish the disorder. The exertion of Comiling produces a fleich of place at heat over the hory, beit not millinter repti beet entirely forminates the cold let. It is fact that Emolies the supposed to be Stemulante are in their direct operation Sodalines. Marco lees trather substances that produce this effect are dedaleves winderes a state of debelily but their offects are counterated by the general Eners of the dystem wich produce a reaction or

Hort to throw of the nocious matter. They are therefore, (to expreso mesself more concisely) in their direct offeration, sedalines; but are indirect. by, in consequence of the exertions of the dyslem, Stemulants; whis is further confirmed from the most powerful dodatives & Marcolice prairing perfectly innocent. It is probables that the such nofs that procedes trameling is an effect of the de by lety be pasm, behence the Stomach much her con ordered as a fundamental affection. The Hausen Warmiling is an offert of Matures wich har the Hoch of restoring the energy of the horin, bof resolving the Shasm in the extreme vefsole, in consequence of which the influx of the broodes restored to them. Here hourseser & think it now! vary to checidate in ambiguity that may ac cur; trameling, the considered as producing a reaction & thus obiriating the cause of debully, is housever not allerays a factourable symptom; for whom it is abstinatos beforecoons to a considerable dogree it is an expinction of the houser of the careso, ing, Debility, beis a sign of the being gener at in theseigstom. The nausous therefore that amount to a smaller reaction to defend on the

able prognastics.

the Bile has been generally considered as a course of fever, bein homeling, great quantities of beliaus matter are orace aled; this renders the opinion of Physicians some what placesible that the Bile is the primary affection whas a considerable shares in the production of feret. Butilis now a general observation that warm scasons belimales produce a change in the condition of the Bile, that a cholora markers or a copious afflux of Bilo to the intestines is the poculiar Heel of such chimales be seasons, & Ny Benham observes that the proper cholora is confined to the month of August when the heat is mores prova lont. Regharn has observed in Minorca fa de male much warmer than own that the Cholora is a discaso of the Summer or beginning of Autumn; it appearance with hourser to some if the season is hotter, but it most commonly occurs from the middle of July to the middle of Soplember. This is the states of the fact, but the Theory of it is uncortain, as it is deliveres whether

the Bile is secreted in a larger proportion, or whether the Himulius of its acremony occasions a more copious effusion, It is probable that they both have a shares. The cholon morbus frequently happens with force cither proceding it or consequent upon it; but the changes that occur in the Bile are by no means necessary to the production of forer. The circumstances are easily explained independant of supposing the bile to her a cause. In Mutumnal fovers à copiaces office of it may readily occur, but this use presume to be rather a consequence than an cause of fewer, for fever is attended with a conviderable astriction of the surface be this ac companied with a debelity of the heart improdes the transmifsion of the blood throw the smaller reforts, beconsequently an accumulation usell lake place in the larger trunks be partecelarly in the Arenous System; from the constriction of the trefsels on the surface a determination must necessarily be made to the internal parts, to the viscera, be especially those of the Suporh on Arical System, whome the won our hood is in macalen quantity & of more difficult transmission __ Hones

Honce may be explained the proquent conges. leons of the trend portariem in those that have died of Intermellente, & Moghorn from a Defection of such a patient found the oploen la be surolled to a prodigious orgen about hors pounds - buf so soft & Porse a lealure that it had more the appearance of conqueated blood than of an organized part. This congestion in consequences of the cold fit will account for the more reprinces secretion of bile, and its afflue? enter the intestences, & no changeris produced in the condition of the Bile previous to the fores. Re cording to the observations of Cloghorn in the Travadie or Bernal Intermittents there is no of pearance of an over proportion of Bile, whence une conclude it to be an effect smol accuse of tomen.

The offlux of the Biles may be accounted for in another way tronilina may be considered as a cause of it, for the action of this agitales & commences of it, for the action of this agitales & commences in of the biles by the insersion of the Gristollies mation is thrown into the intention of the Gristollies mation is thrown into the intention, of from thence out of the body, the offects then may

may be produced by Primiting to the reason that the erracuation is more remarkable in fever is ciridently from the action of a cause that fine motes it's secretion; this is the state of Spasm, wet from the principles above mentioned wife our sion of greater determination to the Liver. In the Quetien likewise when the Bile is more copious by produced the effects will be more apparent?

The opinion of the Anciente relatives to the lites I pay lettle allention to; but denac; who from his great Presilian has acquired a deserved refulation, much by no means her partied over. This ingenious author after rejecting the opinion of Vandiveller endeavour to discover the most probable cause, Enterms it to bother Bile; his fallacy housever is obvious, befrom semoelf & deriver an insuper alle objection to the doctrine her supported hed. denaces lap. 2. des recondita 32. 42? He reknowledges the fact that the superfluous lite wet occurs in the faundices may be diffused over the system.). without producing fener; he furnished us also with another argument to the same hus poses inch is so obrinous in favour of our doctrine that it is astonishing horded not apply it.

Thron the whole then Bile is inadequate to the production of forent, even in those that we us was untly denominate Principle, be at present we are convinced that Intermettents are owing to come their received from without, to the absorbtion of particular of the bile, if there is no intilition of the bile, if there is no intilition of the fluid, foren are never produced.— I've aind's vication.

Sonae is of opinion that Tover may be produced by the miscluse of febriles Micesmala with the bile, whis doctrine is probably not destitute of foundate on, for I do not allodge that the contagious mias mala act only on the Menous System, they act thouses as a ferment on our fluids, to have an affinity with those more or le fo as they happen to be in different randitions, but is probable the miasmata may under with the Price especially in the Autumn, when the cause of affections in the prima via. This union of the Plainia with the Rich is most probably the lause of dysentery,

tumnal deason; but this is not always the case; for Dependences frequently occur without the smallest Symptoms of Tower. In twarm Climates, where Deponteries are, Ipidemic fevers are rare, be the patient affected with the Depontery is some from the other disorders of the season.

Cleghorn quotes a passage from Colins Averelianus be differe from him in his assertion that children are more liable, to Spidemic Tertians than Adults. To an the contrary asserts that bilious desires appear first among children, of from these being less leable to sover; it is obustois there is a dil forence hetween sever bedysentory, be between fover beforence hetween sever bedysentory, be between or hartiercarly cosplicit on this subject from or hartiercarly cosplicit on this subject from or hartiercarly cosplicit on this subject from or hartiercarly cospinions of Jenac, be Pringle, for hag arts to the opinions of Jenac, be Pringle, for and these are dissensed to the same opinion; but, as only some hints are suggested, I shall amil

the now proceed to another set of symptoms that copy of the state of the Sonsorium.

Every problem relating to this subject is of the

most intricate Investigation, merchale prosecute however our usual plan to find out the matter If fact be what state of the System this condition peculiarly implies. As the greatest part of Journ are allended with delinium mer presumes this to be connected with the general affection of the dystem on weh force depends. In the hot fil when the head ach comes on, with a pulse fiele bestrong, be delirium is arising, bether from the circumstances attending it me immediately impulos to the incre rece impolus of the Blood in the Profect's of the Brain. If me consider that every Inflammation of the brain is allended. with delivirem wereannot possibly hesitates in admitting this as a cause, for if one species of delirium is owing to increased impelus, and ther way reasonably supported to her suring to

Cathologists have been of this opinion to generally supposed descrium to depend on the dale of
the circulation in the American (trd. be. Aph. 701),
after defining descrium he proceeds to the cause;
but he has expressed himself in so general a
way as to comprehend every thing on the out.

Jech. The plurima causa wich Boerhaave had in view was evidently the state of the circulafrom, be increased impoles, for in the very next paragraph where he comes to his method of cure, his remedies sas thysmata diluentia pedi= Lewicem & of are evidently such as demenestr the increased impelus of the blood with delermi mation lowards the brain. Van Swellen is sen= reble of the necessily of going further, and says a delirium may be symptomatics to the the mach, & the functions of the brain bes a feeled independent of the circulation, but he had me no conception of a delirium being cured by the application of powerful stimulants. a gentle man who was subject to this disorder drank drily the quantity of 8 bottles of wines, wet constantly removed the delivium. We vay then that the motion of the nervous power can on many occasions be changed without any al. tonation in the states of the blood, & use must sech for the cause of the change in the intel-Cacheal functions independent of the finte I the circulation - for in great exhaustions

the impelees may be diminished, & in violent. exercises it may be increased without any change in the intellectual faculties, & there. Jones I seek for the cause of the change in the norvous System alones; this belongs to the mind to the immalerial substance wich the distanct from the body is yet so internatoly connected with it as to follow the carpored! valor. I suppose it to be sufficiently domon strated demandrated in physiology that the energy of the brain is continually fluctual eng, be is communicated to different parts with different degrees of forces. In this def Jerences the states of Reep & Matching parte ceelarly consist, to this different states of the brain is expressed by the lormo Sectement be l'allafoses which aresterme signifying of maller of fact & destitute of Theory. From the phanomena of Sleep Watching we know that those 2 states may be in def. Jonent degrees with respect to the whale, () with regard to different parts of the System. We can easily understand how this inequality

of excelement in the brain in different parts cun produces delivium. Ichalle Mustrate it by an obisions instance. a person in falling aslee to the bransition from Matching to Steep from Excitement to Collapse comes on by de grees successively in different parts. whelet a great part of the System is under a starte of callafisos some frantecular sonses may house their facilement increased, beif acternal imprefsions and mide upon our organs during this partial state of collapse, this inequality of excelement may producer a delivium, which will continue tito the excitement or collopse is rendered more completes with respect to the unholes; there to a person roused from his flech be unesual stemuli as prinching, loved norses The sudden excilement being not yet extend ed to the whole produces deterium- (hence the common expressions, that I am out of my senses, not awakes & J. This is the illustration of a fact, wit evidently shows that delinium always depends on somes inequality in the states of excelement or collapse, & mes prosumes his is

ale that is necessary in the explanation of Solmiles delinium.

Debility wer observed is the foundation of diseases, Whis consists in the Dimenution of the Leutement of the onengy of the brain which often produces such a collapse as to bring on deep deep or coma, be this state is unequal in different parts of the System. The Collapses is much greater in the Unimal than in the wital functions, bin different degrees of except in the Pretal as unde as the animal. The inequality then of the excelement of the brain lays the foundation of dolerium which may dopond other on the caref of excelement or the except of collapse - an in chorsed impoles of the blood is a cause of a greater excelement, won this cause the excele ment in some measure depends Then the in pelus is increased while the collapse subsusts with regard to the animal functions the System is irritated to a delinium will come on; this is the delivien that occur in the hot fit _ The other Precies of delirium comes on when the system is under an except of Collapse, in such a state the empelies of the blood being encreased may produce

delirium, and this is that species that occurs in

Here then we have seemingly opposite causes of Delirium in forere, the one defending on increased Impolies or Excitement, the other on Collapses wich is in it's nature dedaliner. If this is considered with the general doctrine of the p be watching be with the intercolunt functions, you wife percoure it's connece han with our doctrine of Fever, which is strongly contirmed by this explanation of Delinium. This is a sufficient oxplanation of the transitory cases of Delirium in the cold or hot fit of Intermit tents usch occur without topical affection of the brain & hence cannot be supposed Inflammatory. When the delirium hourever depends solely on as norrous a section, the brain may be lopically offected & a true phrenitis may take place , other sapical affections may also arises wich may prove causes of excitement or collapso, wincrease the general state of feret; other Symptoms, & parte. cularly sloop & watching that occur in fever, may be explained upon the same principles. Boerhaare accounts for the states of Coma filer orgilium from the state of the organization of the

Poricin; they may sometimes probably dependent befrical affections of that organ, but if our fra hology be rightly understood Coma wite be found to depend on the Merious dystem whis as one the cause of fovers, & is productive of that states of lottappe in which toma consists. They several transitory tomas in Intermittents me of tent with over general Theory of the cause of fevers specialing by diminishing the excitement tenergy of the Brain.

I have now finished my general Theory, with som hope wife recommend itself to you from it's som plicity. It is totally divested of hypothesis, not any subtle of anges in our fluids, of which the jacks are not properly ascertained. No subtile hypothesis of the Mervous fluid has been adopted, hypothesis of the Mervous fluid has been adopted, intent throw out the whole upon the investigation of facts I leave you to determine the Theory— whether you suppose it to he Spirit Clectricity, magnetism, fravitation, or the Universal Wher of with these are probably a modification. To ment is indifferent, my maxim is to investigate its

than how it happens.

you suppose Sever chiefly to consist in the frequency of pulse, my first steh is to deny the Reel of such increased action but when it he gens with a Masm on the surface. Hoteman enterely coincides with this openion, tid. Of. 301. Vol. 1. 1/4 most Writers agree in the vame. Twen Backhaure alledges that Ferrer arises from an internal course first beginning with porret; but hore this Shasm produces the increased action is difficient to explain. I rest satisfied with the fact thatil endontly precedes it. As to the cause of the fram Safeet that it is not a di root Simulers, but is founded on a state of to beliefy induced by the soveral remotes causes Hower. This I alledge merely as a fact. drawn from the phanomena of the animal System, the motions of the System are wident eventined, but is equally just to conclude a delitely in the Brain as a weathness in the action of the heart from the small neft of the freelas. I have attempted a rationale of die

ense, be reduced the causes of Sover to

1. Debelity.

2. Ahaum.

3. Increased action of the heart.

The last is the effect of the other two, either spone or both, as they occur in different cases, or as,

induced by different causes.

trains of disease, & what we consider as the foundar froms of disease, & what we call the proximale causes. In confirmation of our general System new Symptoms have been considered & were asplicable on the same principles, & slike further lended to corr observed our opinion, the more so as the thrones of other Systematic's were insufficient win completed

description to our general Theory the Rodling of Lover consider in Debility Spaom & Resolver, as they occur in the order of have mentioned them so they produce carts other in succession. It is described for houses house these states proceed incoments for fact is demondrable that they constantly occur, and are all that one house to constantly occur, and are all that one house

I kave given to the Class is founded on this supposition, post horrorem pulsus frequent, virilies return imministes, win this para - graph you may observe how the different party in some measure releades to the whole order of the Pipexia.

If I had added two other words, calor anches, which might with propriety have been inserted I should have agreed with both antients bundens, as their character of fever is great heat byfice quent pulse; but these are a one insufficient to constitute fover. The 571 aph of Beech leads to constitute fover, The 571 aph of Beech leads of circums is that only incheased pulse for ouring horror be spasm constitute a Pyrevice. This dals were have laken pains to show that whene we have laken pains to show that whene delibely produces that me the disease is sincelle called fover.

But for a full distinction of the Persona no have defined it to be without local or tobreal affection; this character secures it from being confounded in the A widers which are also distinguish.

Gyreacia, who me not inserted in the other nosolagias. hofman indood is the only author that has to hen a proper crisis of retires fabrile hamorrhages, of rom their connection to despendences on sever they should by no me and be separals from fabrile diseases.

ed from each other by the difference of the lapical abortion. The Phleomafia are distinguished by Inflammation, the other two are distinguished from each other by the different nature of the fluid evacuated, the one consisting of an unusual quantity of blood the other of an increased excretion not naturally of blood.

The 1st lause then of Loveris a state of Bobelly. 2.º Cause productive of Spasm, we denominate Congestion, wet is any accumulation of fluids in an unusual quantily; these cases of longesti. on ares applicable to the 2 orders (hlogmasia) & Homorhagia. As to the Exanthemator I suppose a state of midlione, & is so far to be called forer as it is proceeded began state of debility unch produces. Spason to is alterage followed by a topical affect tion. I have some doubts no to the explanation of the sharder, Proflevia; it agrees with the lown Momata in having forcer proceded by a state of Lebelity; in other cases however I am uncertain whether the pecceliariles of the Profinera are) origing to a derical themules applied with the caseses of Sever to particular parts of the body.

(a). The change of the lerm inercased action, for touchion, with appear newfrary from the consideration of the heing a consequence of the Spasm, this being an effort to be more the Constriction, agreeable to a general law of the System.

I shall now consider the Orders as they occur.

I. Sebres.

In there the states of debitity spann & reaction take place, betho we may consider them in thereenes of Cause broffeet, or as occuring coparalely, yetives where find there dates to be constantly present then out the whole of the parocyon from it commencement to the termination. If the increased action ar hat lit continues, without sweat, allended with a drei not of the skin & thin brimpied Univer, it is on! don't that the lofsels are under construction notion the and eng the myclies at the hoart. Whileh harm bemine, the cause of it, Believity remound, to the energy of the brain is not yet restared especially to the contrame reforts. The continuance of the Part state of debuilde is orident from the weath rets in the functione bun More of the internal senses. Symptomaliera fee hand of the Stomach come on the appetitorie and When parsent has a Mausea terescherois, which comp toms may be considered as marke of debility in the meighbouring functions - the continuance. of the fower is proportioned to the permanences of the

degrees of lacefs, so the diseases is always con formable in continuance frolonce, &.

To very are obriously of his hinds, Intermittent & Continued, withis distinction has been observed by physicians in all ages. The Intermittents are which as consist of a repeated number of Paracesoms, relucen wich an Opyresia intervenes - The Continued deeploose to consist of regular paracyoms but. without the Intervention of a perfect apyreaux or a remission of the paracejom. This idea in plies that in these forers the hot fil is constantly more or less present, whey are only distinguished by the different degrees of Exacerbation in Mat. hot fit. When the pulse is at one limes unusually increased it is called a Parasejom; bestif on the reday, comparationly with the former, it is Deminish ed, we call it an Isacorbation. As these alternale remilions are more or refe alverrable de other distinctions arise; when they are without ther in tervention of a perfect approxia, but yet the alternate state if remission is more considerable; Physicians have called them Remillent. Mother

Another Genes, under the Premittent, has been formed, that I presume, is exceptionable to super fluous. In some Jevers the remissions are handly absorbable, to the distinction between the farmeyon be beacertakion is difficult. Physicians however have refused the loast symptom of Bemission haffirm that there are forers of the Continent hind of se worded days duration, during the whole of whether of words of a single paraeyom.

Milers haves disting wished between the love of lemms Continent by Continued, meaning by the Patter the continue remittentes where the exacerbation comes on meeting the hours; but in the continent they consider the state of reaction as continued to unintermittedly succeeding for several days to:

In every Intermittent that has a complete Anoghtice the paracyon is finished in left than 21s hours, to in every continued or remittent we observe and seacerbation to take place about the same period. Me are not so conversant in the nature of four or in the operation of its causes as to say how the panacyon is so determined to return at as particular time, but we presume it defends

on a general law of our System, that modifies cerery cueve bedetermines it to a decernal revo Lection, & fover is so modified from whatever aceso it arrives. Every duinal revolution of our Barth, with respect to the Jun, by gwing regular alternations of heat beald, light boark =nos produces considerable changes in our yolem, be gives it a diarnal habit; the mere afternation of light & darkness has an influe. ence in the requilar vouline of human affairs. This regularity of routine in a system that is casily subjected to habit, much have an effect in producing a duinnal habit. This however is re isoning from causes; but from certain officety wer presume, from the vicefolludes of cheep & watching be; that the body is subjected to such a habit. The pulle is subjected to truce sollies that receir periodically. In the morning when une, amake from sleep the pulse, is love, but the least museular action bowen an creek posture encreases it, notwithstanding house met use) continue in that postiere, you the pulse droncases tile moon; after dinner in consequence of the digestion of aliment it is considerably en

evening & again gradually more ases lile, the hour of most, In sleep there is a considerable hour of most, In sleep there is a considerable remission, but again a gradual increase lite a colock in the morning, from well gradually decreases lite it falls into the state, mentioned above. This habit in our dystem I presume is what modifies lever from whatever cause it anises, & we mustimpule. The cause of fever rather to a general law of the dystem than to rather to a general law of the dystem than to particular causes.

But however probable I may have rendered my conclusion, yet as the question is about a matter of fact doubts may verise, especially as my of a min is contrary to the lestimony of Physicians in all ages. To obviate this housever you not only consider that the generality of Physicians are atten quided by the authority of others than by wather quided by the authority of others than by their own observations, to the opinion is so contrary to the operation of fevers in general that trary to the operation of fevers in general that it should be most precisely ascertained to bead mitted as an acception. Add to this that nature) is so uniform in her operations that where

tenor of things they may generally be, imputed to false to superficial observation. Do Haen in his Divisiones Februin has made to Clafses.

1. The Continue non puteriola. 2. Continue, non ramittentes se, but although the has constituted a 2d clafs of fevers without remissions, yet he acknow ledges the difficulty of absolutely ascertaining them, I has noticed a particular Scholium, in which he partly coincides with our opinion.

I now proceed to enquire into the causes of the principal forms of fovers, the most remarkable of which occur in the Intermittents & to these Ishare cheefly confiner myself. The paroxysm of the Luartan ine observed was shorter than hat? of the Terlian, & this stile shorter than the auslede an, & from the principles oxplained above of will be obisions that the shorter the paroayam is the Ponger wife bos the interreal or remedion. This principle, being laid down that the recurrence of the parocyom depends on its durati on is a considerable step in our doctrine of fevers it establishes the general difference of Intermittents be continued forcers: Turry forces whose parosysm

is protracted to 18 hours must have a recurrence in 24 wehis exactly conformable to fact typo instance occurs to the contrary. It much be our don't that if from any causes the fit of a duoledian is protracted to 2/3 hours there cantee) no Intermission, because a new accession must. comes on at that hime, whence the fover becomes remillent wet is a confirmation of our posetion that the recurrence of the paraxysm is connected with it's duration. The Quartan & Sertian by a protraction of the fits werehanged into Luc. lidians & these into Bemillents wich deficition the paroxyum being determined to a langet or shorter duration. As to the cause of the longer or whorter duration of the paracyon, it is of difficielt investigation; the duration of he Paroreyom has a relation to the cold fit; partie cularly to the degree of horror, bromor, that arises, & these have not only more considerable tremors than the continued, but deter in degree among themselves, the Quartan greater than the Tertian, the Tertian than the Luctidian. The

The horror, tremor, brigor, I have endeavoured to shew are symptoms of the reaction of the bystem, to a remarkable state of these implies a more con siderable reaction, ba more easy & completer solection of the spasm, & hence gives a parox from of a shorter duration. That the duration of the paroceyom is in proportion to the reaction excited may be difficill to prove, foris we judge of the reaction by the symptoms of the hot fit we shall find the frequency of the pulse, hoal, & to be more considerable in a for racysm of a long than one of a short duration. the often find them to be greater in the fit at a Qualidin than in those of a Sertian or wer

Some other circumstance may be presumed to appose the solution of the parasysm, but it can be referred to no other cause than the constriction produced in the extreme refeels, in consequence of the sparm to wet the continuance of fevers the duration of the parasysm are entirely runing; but here the eliquity arises, for if we consider the sparm to les the chief instation

then the irritation should be in proportion to the spasm, or in other words the offect should be added to the spasm, or in other words the offect should be added to the spasm, or in other words the offect should be added the spasm of the spasm of the spasm of the spassing the spassing the spassing the spassing the surproportion, we shall find it however to apply if we suppose the contriction to be moderate, to yet the critation considerable, from who a stronger reaction is welf to the consequently a shorter panar was produced, then the construction to in considerable the stritution to the consequence from is considerable the stritution to the consequence from with the left, to the sparary when the consequence on with the left, to the sparary me of consequence continuences

This doctrine of Irritation to Constriction, however,
I must ack nowledge to be hypothetical, but such reasonings are ted metsible if they contribute to the whitem
onings are ted metsible if they contribute to the whitem
of Thenomena to anciepate our Theory of Inflammation
Here, then I must anticipate our Theory of Inflammation
Gyrexia depends on a congestion of the Arterial
ystem; this is crutation partially applied, with
communicated to the wholes produces Pipeara or
communicated to the wholes produces Pipeara or
come specific objects in the Arterial Sipsem & consider
irritation applied to the Arterial Sipsem & consider
as partial to these, incremes the tone beentractite;

his the befole not only contract more strongly in consequence of delatation but resist the delatation but resist the delatation but resist the delatation but resist the delatation of the heart. Show blood is more closely braded to the capacity of the Arteries is diminished by theren crease of the cald, win this condition of the Arterial dystem the Diathesis Phlagisteca consists. Shat such is the state of the trefeels applears from the remedy were apply for trenesection, relaxes the Arterial dystem for trenesection is a lathesis.

There wer the Spafer is productive of the Inflammatory Diathosis, it will occasion a more perfect constriction in the extreme we feels, & the fover will be of more difficult solution; this will differ in except in proportion to the power of the causes producinged. Moshall en to avour to establish our doctorne

by the following considerations.

I. The Pyreais altonding Phlegmasin are always of the orner of the Sur of the forces of the Sur nac habet they have Bemissions, yet they have no Intermelsions.

II. No find that themuse applied to the artenal susten is the common way of converting Intermittent to

Contentied forsers.

(Itt weren

III. Tovers are more commonly the produce of lold climates & Cold Sousons, in weh Inflammatory dis

IV. Intermittonke and more generally provalent, in warm dimales, web furnish the causes of debility with lof irritation.

I. Pronesection is not so needleway in Intermettents, but of frontial in Continued forons.

The Sparm producing Constriction being great the irritation inconsiderable, we suppose to her the cause of the long (Paragyons of Tevers, to to a similar cruse) we may refer those fevers of the continent kind.)

Trom the whole then we presume that Sparm producing considerable constriction, with respect to irritation is the cause of longer paragyons to therefore of continued levers, what most part of therefore of continued levers, what most part of therefore a continued levers, what most part of these are joined with more or loss of the logistic Diath coin.

I have been at bains to prove that the causes of Solicity operate in overy proper Lover, to perate dif.

forently in different cases, in some cases so consider.

able as to extinguish life without any appearance.

of Lover, & from the appearances in the dead body we observe evident symptoms of Contragion; this we must prosume to arise from such causes as occupie

In other cases the Dobility is not so great as on tinally to provent a reaction, & then some dogree of horror comes on; stile however the reaction is in sufficient to the patient dies before the advance of the hot fit, & honce the reason of Death proquently occurring in the cold fit. Other cases occur where some degree of the hot fit comes on, but the debility is a great that the energy of the Sensorium is not strong concept to produce a reaction equal to the removal of the paragram, & the patient dies in an intermediate state between the CAB & the hot fit.

The irritation may be in different to grass & no the absence is distant from the common Origin the energy of the brain may be communicated to the heart, but may not perhaps aslend to the ostrone and hories. Its the energy of the brain is not extended to the ostrone from the vigour of the densorium being not of strongly applied, the reaction will be handly subjected

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sufficient to overcome the construction, whence long france grow wife he formed, & thus from Debility late ing of the determination from the brain we account for continued fevers.

In this manner then haves we solved the problem nobaline to continued fevers. We first found them to depend on the long decration of the paraerons, to the causes of this we have referred to an except of hasm or an except of Detility. In Intermittents the delilitating cause is not so great asto take of the irritation of the Brain, nor is the Spasm so consider able as not to be volved by the Reaction.

No shale here more particularly distinguish liver

cases of Continued Jovers .

of Lover, 1,0, Detrilly, use call it an Inflamm abory

Actermination from the Brain the cover his proper.

The Lymoch a or Inflammatory Feveris a disease. If cold climates & cold secusions. It altereds horsens of a roberst traction temperament butch as are liable

CT-

to Hamorhages. It comes on without much lan guar or other Symptoms of debelily preceding - it soldom arises from Contagion, but often from the application of Esternal Pold. The lotofit has title horror o no bromor, it continues but for a little lime wie not allended with bomiling. In the hot fit as lungescence of the ferces is exident, & Symptoms of an approaching sweat. The heat is very great &. equally diffused over the body; the pulse is ful. strong & hand, a violent throbbing of the temples comes on, accompanied with here ach & delinum. The patient complains of pains in different parts to particularly in the small of the back; his breathers is whork but not laborrous, & the anciety not very (not very) great; his appetite is not dery great nor uch entirely lost, & a considerable think enduces from the heat, the belly is bound, when their which coloured without any Josemont. The disease gone rally terminates in about I days, but the Berny sions are obscure & inconsiderables, & the deliction is always by homorhagoor sweat, after woh the Urine deposites a Sediment.

These are the phanomena of the Synoch a that, are most proquently be commonly combined; for

Inflammatory Jurer 172 Haffman who has more accurately enumerated the Symptoms than any other author. He sufspose the Lever to consist in the excitement of a considerable reaction, while the offects are resisted by on permanent Shasm. An Soflammatory Diathesis or enercased tone of the Arterial System provails, as afificien from the success of trene section, to the Blood that has an Inflammatory Crush If we now takes a vice of our doctrine we shall find the continuation of Paracy one to be owing to Shasm. 1. To a permanent & obdinate chasm, & 2. To a Sparm accompanied with debelily, in conse quence of weh the beachion was inconsiderable to unequal to its be moval. The first case depends on the Diathesis Phlogistica, weh consists in an encreased tone secontraditity of the arteries, & honce occavions the more obviente Spasm. The 20 is the case of delilety, & the the force of the spasm is not so considerable, yet from the reaction not bring duely raciled a longer paraeyom provails, whence where Symptoms of debility occur continued jevers Threwail. This is agreeable to the common division of Levers into Intammatory & nervous. Spraced to

a description of the faller.

She Servous Sever, or Suphus. This is more frequently a discase of warm dimates be seasons, be commonly observed to arise from lon lagion; it especially affects weak persons who are arposed to courses of dobility & to the aperation of coid. It comes on slowing & gradually the patient is affected with a loss of appelle, languar, la feelude Se for some days before the forer is formed. It considerly to the coldings of the Mer comes on to wards the evening, with a slight horror; this is suc cooded in the night by a slight heat & contuced deep . In the marning the patient is retieved, but the same phenomena return to then the hot til is more considerable. Alter 2 or more days the hot fit con stantly continues, attended with a considerable degree of heat, but a moderate trequency of pulse, neither Jule nor strong. The Prigour of the Aremal Junchons is greatly diminished ba considerable despondency of mind lakes blace; the abhelito for lood is lost nacesca befrequent comilings arive; with ale this the patient has letter deale & Delinium or Vythomania in the extremities than in other parts, when face is solden thushed. The belly is irregular, some times of hours hat other times a diarrhea comes on, with time in pate without any dodinant. The Chemissions that at first were observable become gradually more observable become gradually more observable become gradually more observable without to 2 or 3 weeks bendo without any Ivacuation or what is called a Prisis.

The functions of the brain are subsently disturbed by the Coma, Tremon se that arise, to the whole of the phanomena as to be coplained her a trendeline deti-

Joven were uniform besterdy in their appearances were should have loss tifficially in distinguishing them, but the phar omena are very much diversified, but has been frequently observed that the symptoms of the Derivous to a flammatory fovers are very much intermised. It is proper to remark that the lauses intermised. It is proper to remark that the lauses of fover do not preserve the same lonar knowline that they first began with, for repealed paranyone or the encreased power of contagion introduced on the encreased power of contagion introduced changes the appearances to heeps up the fourt. In come cases when the riput home of the both tit ree theore motor in succeeding caroseyous the power of reac-

- tion increases to will at last overcome that pa racysm that at first it was unable to effect, to here the chasm is constantly diminishing; in this way we account for the spantaneous dissolution of foren. In other cases hourever the repetition of the paroxyson is allended with an offoste offect, for it diminishes the power of reaction, whence being unabler to effect a solution of the hasm the disease becomes fatal. It is from the change of circumstances in continued foren that these events aro to be explained truce should refrante these Symptoms that are to be impuled to debility otherse? Hat proceed from Spasm, & those that are asserbed to reaction or the relaxation of Masn, trafer then all to their sofrarate causes. Some cases we shall allompt to coplain.

When a fever first puts on an Inflammatory alspearance, but during it's progress assumed a her weres form use may impute it to its occurrence in cold countries where the debelily is not great, to the application of cold occurs as an excelling carere, this combined with a migorous constituteon gives the Phlogistic Diathoris, & Ho disease

Herrolls driver

comes on as a Synacha; but the repetition of the paracejom induces a delitity each diminishing the energy of the densorium as well as the encheased tone of the arteries, the fever subfists in the Mergroup form.

Lat es observe what distinction Intermittents de mit of, an the same principle - the difficulty is that Serlians & Quartans ara often changed la Quotidi ans, & there again to Remillents of the most con

lineed form. Of this there are leve cases.

1. Meno forer begins as a Continued bechanges to me that has mores evident remissions.

L. When the Tower begins as an Intermittent, and

changes to a Continued.

Me have an example of the first in the lamp forer of Dr Pringle; and of the latter in what are commonly called the malignant Vertians, the same that Ar Lind has described. This diseases is to be imputed to a prowerful cause of debility not be com benech with a constitution disposed to a strong spasm. The miasmaka or Contagion which commonly induce Jewer must be supported to act on the persones distem, in consequence of which they may give the soveral

several miriclies of fever; besides however the action of these on the herrow System they are often of the natures of forments back on our fluids, bly this means Contagions ares modefied and produces different effects on different forsons. It is oberous that this may occur with little afteration in the rate of our fluids, sometimes however the fluids land to putrefaction, & the proper helling forer is produced.

The Fobris Outreda was commonly called soby the Intecnts, but without any precise or definite dea being abised to it - nor are the moderne correct in this particular, for they have dishinguishof the pulvide & nonfoutride without determining the distinction by proper marks. At present we infine the appellation of pulsid to the of feners in which the huling dipolition of our flinds is cordent The marke of such a sulvescency I shall shortly Take notice d.

Jebris Sutrida. Jebris Selvis drawn from the arm, it calour. If the Blood ibuce Spantaneously from

Putrid Javer

different outlets, from the Gums, & if it appears in the faces without Dysenteric affection, or in the Urine without Sumptoms of Mophielie, or by the lienge bestrones of the whin without any pulmone affection, then wer may valely concludes a fulles. concey of the blood rather than an increased in he lees. The blood is poured into the rate mucosum In Interior, best Polochico appear on the thin. Hamor shages of the nose also proquently occur, and of these we without the appearance of crisis they may be suppressed marker of abutil dibolution_ These are the most certain Diagnosties - other Symptoms howover appear; as letir breath, an. obstinate hausen, wa cada versies omole arising from the whole body. The offluria of hulid animal maller is one of the most pourer ful dedalines, & as most deleterious poison, hence such sudden death onours in consequence of a Sphacelus, wine fire summe that the justrid vapour will have an effect of the vanie hind & accision that debility that so endently encueaser the course of such ferers. a great delifity cortainly remains & I conclide that ha miamala causing Ferrer are of a dedaluse! nature, but whether the increased detricity is owing to a repetition of paroseyoms or to contagion be coming more abundant with further progress in more proceeding, or, themically speaking, more exacted. Putroscency may be or owing to a putried forment introduced, which affecting the hericans dystem may dispose the fluids to greaten putres.

The soveral genera of Towers, particularly the Suphus & Synocha are more or left connected with fully to may he divided into General toffecies. but the empirical of forest with the other cies. but the Syrevia much also her convidence. I fower is prequently joined with the other waste, & sover is prequently joined with the other has is the agreetion may arise which of the how is the discopathie discase, this may her dotter mined in

the following mannet

1. From the seawors of the year. The phogmanic
are more prevalent in the firing, Tevers on the
combrary in Autumn; this however is ambiguous,
2. From the first symptom, as they argin with
the Feneral Phogmasia; they are to he consider.

To of the nature of the disease they commence

3. When the dymptoms of both are commettancons

In only refer to the prevailing spidemie.

A. Where the time sion is more evident, it is a presumption that sover is the Idiopathic disease.

This is the case in the the species of Saturages the Signochus, who Sobris effections as described by Synochus, who sobris effections as described by Synochus, who solves the describes a Lover, then an Inflammation came on, this again possed of the primary fover continued; the subsistence of the primary fover continued; the subsistence of the fover when the planties symptoms is preached, show this to have been the original dis

Sover is often combined with Examinemator, many of which depend on a peculiar & specific contagion; to this head the Small pose & measles holong wher Examinemata are produced independent of specific contagion, but in consequence of certain states & conditions of Sever as the the feeting, the in unhat cases each takes places is uncertain. The distinction is nice whas a cast made a continuously between here Physicians of Pricina.

De Haen manlains hal miliary bruphons are symptomatic & monery his effect of the usarm regimen in Fevers. Stock, on the other hand, says

that they are Alcopathics to give a charceler to a particular Sever.

But if there is any truth in the absorration of its having arisen in onespont begridually co tonded to the vest of Europe, buil it had been braced as contagious thro veveral countries use must account to be owing to a specific contagion. It is however much oftener symphomalic as appears from someral arguments.

1. It is always in this country spradic, but

nover were it properly spidemie.

2. It attacks people in fracticular circumetas. cos: Phild bearing women memofiliable to it.

3. It is always preceded by sweat in fevery, ben come persons it is always the consequence of went.

1. There is no determined period of the Inefloor as the specific contagions have, to there for une

conclude it depends on a certain state of fever Wa harlieular states of the shin consoined.

There is no species from the constination of Jover with Hamorihagy, such and generally entical, except from a Dyserasis of the bloodin. butild fevers. There is an important combina From of Lever with proflered as in the Calarch

& Lysonlery, wit is doubtful which of these is the Sdeofrathic discure, but we may determine this in the manner we did with respect to the Phlog masio, & I chale hereafter make it appear that the lover allending prolingia is the deapathic distance. I shall noves proceed to give a general men of the

depetera & have delinored.

Recapillulation. I have proposed to leach the Fractice of (Thy see on a new plan, not so much from the poculiar doctrinos I may have opered, is from my altembles des reducerel la general furneilles. There form citiles are nothing but matters of fact, becery thene morely hefratholical shaw, avoided; my reasonings are facts in themselves, or conclu wones drawn from these, or facts gonoralized; for a review of the whole I shale briefly recapi

lusale Her coreral parts. I began with describing the leading the nome na of Ferrow, reproved that Levers were distin question by the different duration of their Canox gomo. Edesented the phanemen in their hain of Juccefsion win their wariety of Combination; hort it being improssible to comprehend the what en, Senac, Pringle, Clegham, Sind, Soc

Monumerate the varieties that may occur referred you to authors. In our further progress you may observes thanes supplied soverathants that were amilled, to this was necessares for here mise to mer on query of the

e Proximale lause.

The prosemater Cause has been supposed to be the find causeral fever, but I define it to be? uny general states of the trody or of a particular had an which more immediately the dump loms deficend, towhich being romained the des case is removed. As an acample of this phase consider the case of Donpesy, which I find to be a surcling in the lower belly; foraminants see whether the sundling depends whom Air ber is a Sympaniles, or on water which is an As: riles. I go further than this to investigates the carear of the officion which Ifind to be a Joher. rosily in the Priser wherein the Schurwelly consists I can't protond to coplain, but yet & have proceeded a defo to the method of here. In forery Callendaed that a principal part of the Brownater Causer is a debelely of the Meriones Secretor, but the concet state of the brain better.

nervous fluid dam ignorant of; the fact how aver is sufficient to direct win flue now my brackies

In Lever, notice the handing the variety bream plecation of Symptoms, ale the phanomena depend on a simple rause, to Corerhause & suce nai who have adopted the salea of a complicated at rause have been embarm fied by imnumes able difficulties. This then must be our first attempt, whas introduced some Plading circumstances in fewers on which ale the others depend. Me found the rold fit to the leading to principal symptom, to the first in the order of time, with correspondent me have a agree as to it's occurrence forming intermittentes but artend it with Softman in intermittentes but artend it with Softman in

one leading prosposition was, that Sever was an affection of the nervous dyslem bediscases, must hor generally referred to an affection of the moving powers, or the nervous dyslem. This moving powers or the nervous dyslem. This though generally denied I demonstrated to be the principle (Physicians proceeded on The cold fit is an affection of the Nervous System of the Impelium faciens according to Softman,

but wherein does does this affection consist? les can perceive by the phanomona univer: sally preceding forer that a debilitating course; fent operates; as to the mode of the operation on the Herrous pourer Sam ignarant kinest salisfica with the fact. Mest in the moder of recognion a Masm or constriction of the or from expects occurs, which is equally universal in forces. These states are followed by an increas. ed heat be impoles of the bland in which fever more hanteries rie concerts, & this is defrend cent on the other lever as it's procenate rause. have mentioned in order the states of de belety hasm, & Boachion & for the commection of these with ouch other I referred you to a law of the animal Ocemany the Autoxoalera, this sould wish slive further to prosecular, beif possible coplain its mechanical connection. The should that debility might quice hise to? Thaom, but why the intervention of this is son absolutely necessary to produce a boartion fram not determiner. This is illustrated by the operation of cold which first produces of asm wafterwards a reaction; beet a distinculty arises from the inslance)

the When the action of any farticular part is excited we are not to impute it to direct stimule applied for it often depends on causes acting in different parts. In the cases of communication of hain from one part to mather we are not to mak for it from the special connection of these parts, for no connection is to be and tomically discovered, such communications much separate intervention of the roun thesparticular state induced there, with which a harticular function or or organ is connected.

Sance of cold, and we might suppose debilityle be resuper Prous himary cause, & nothing is needsary but a direct cause of Spasm, as in Phlegmasic, which may produce the debelily honce the lover, but of any such direct cause of * Spasm we are entirely ignorant, be even in thing masia a previous congestion occurs. In the retion of cald a previous demontion of il induces a state of Debility, whence it is probable that this is the foundation of the whole. Dely lely must proceder Shasm & it operates without the concerrences of cold or any derect cause of Masm, biffin is ofways the case in a Popean arrowing without topical ofection. The rigor horror brosnor I with were Symptoms of the reaction at the Section, win brothortion to these thes un croased action is more considerable reflect wal in diforfring the hasm.

next considered those Symptoms relative to the dates of the Momach. The debility that par Lecularly assock that Organ produces trameling, count of appetite, sichness, & mausoa, bestiese) ave more considerable in proportion to the bebelily that promises. Secre is another operation

Recapitation 187 dea & Comiling are strelly connected with the fraim on the surface, & often proceed from this cause; from this we are led to an important doctrine in Cathology, the doctrine of Sympathe affections & you will perceive that the Comit ing deprending on debilely must ber referred to a general law of the System, that Collapse) or Debelity produces martion. This is established by many facts of which wer have treated at at large in our melelelians. Ther dumplomes of he Franceh previous to the action of bomilers, hall son ye may be considered of permiciones les dency, in so far as they astorfe the techest their cause, but considered as marks of a great reaction they are favouemble. Comiting is always a concomitant Symptom in Lever, begenerally attended with an ovariation of Bilo. This has been extermed not only as the cause of ironstina but of forers in general, & the openion how subject ed for 2000 year from the time of Stippocrates to Senaes, but in the autumnal season when the ceation with dymptoms of Sever, brushererit.

occeens with fover, from an abundance or acre mony of the Bile we have referred it los caseses. 1. That Intermittents & Bemillents are often attended with congestions in the tena parlanum; & honce it may be more copiously secreted home

2. In the Action of vamiling the Viscona un dergo considerable profuero which emerges the hillary deeds be occasions the unusual appear ance of Bile; hence it is to hor esteemed as an

It has been alled god that londagion or mortid offluvia mixing with the bile produced the descase, but this is unequal to the production of Jover without the cause of debility combined. next proceede to the consideration of the Intel Colucio Tunctions, & my conclusions rolative)

to this are founded on my physiological doc trene, 1. That intermellents in general depend on the state on the state of the honrous System, & 2. The state of circulation affects these functions only in consequences of the change produced on the former, & cruses may hange the state of the normous dystom by acting directly whom it

3. By the action of such causes the Morrous Sestem is in different degrees of ingour, to the energy brain is in different degrees of forest these states use onte breitement & follapse. Po horones & consistency in thenhing deponds on the aquality of hecesomont in the hornous distem, Sparticularly of the conservien, & on the free com munication between its coveral harts, Deliviem on the contrary defends on an inequality of he celement in the distorent harts of the conserving as formats of this . a douced the phanomen a of lesp Whitching from the interval that occurs between the change of the one to the stict. A Ante of (al Paper takes place in one part of the frain soonor than another, win working the excelement lakes place by degrees. In half these states a delinium occurs, tome may absorred the grade real transition whorever the cause of recite. ment is applied. The delivium of fevers is ousily explicable on the same forting. The cause of forer diminished the Grongy of the Brain teproduces Collapse) to a cortain degree which often proceed to forma, the increaseds action of the Heart may also be considered as

a cause of excutement, win consequence of this combination Delinium comeson.

Having hier asplained delineum as depending on Schility or Collapse we may distinguest et ento tero henos.

1. Where the shale of Collapses is moderate the recelement considerable, to where there is an increased impelies in the brain, then the delivern is of the phrenities hind.

2. There the Collapser is considerable to the causes of Excelement are applied, a Delimiem oc. ree is analogous to that occasioned in the suidden transition from Mech lo Malchena, butal pathologists have catted, with propriety, Sypho. mania. This explanation of delirium illus. trates over general decerrine of the subvistence of Delitity in lovers. The Coma has been referred to a change in the circulating organs, butif cere consider how often it is of a franslary na hero, without the parts on difsection ares in a) sound condition we shall hind it to horan a Hection of the her rous eystem deherding on greater Collapse & low instalion. But it is not my intention heres to oredude another course

for delinium & Comer may deprend on a topical Inflammation of the Brain brofar are affect Hitherto I have considered fevers in the alythruly I shall now proceed to a particular investigation of their different states. To this purpose detreme that the 3 causes enumerated are constantly preciont logother accept at the legenming he had a funracijam, at which temor they are successive Thes is assertained the difference of fevers unle. de hend on the dogree & proportion of these. M. her plan demoidered intermittento & Continued, & foresto hal the common distinction of these was by no means satisfactory. Some it was such hosed consisted of a number of repeated Paracyons, other that subvisted for several days in one uniform baroseysm; this housesser is contrary to fact, for I deserved that 99 forers in 100 and mech whose paroseyoms are repeated, win course. quence of the Duirnal revolution corry ferret has a come foion in 24 hours. The only difference is that in some the paroxysms are more obscure the chief deflerence in fevers depends on the frequent recurrence bithe Duration of the trine

deration of the Parosysm, wit is a fact that own of the one of the states always depends on the attention of the duration an explanation of the cause

of the latter will be sufficient for both.

When a person in health is engaged in hereise, the action of the heart is encreased, & the brook totornunce to the surface; if this is continued the sweat flow; by their the System is relaxed, but on the Color tion of the viewal the action is discontinued. In forcer an bacilo ment of the heart previels without weekt; this for quentily recurs, & it is natural to suppose some resul ence likes place, for the spasm in the extreme nessels subsiding hoops up the initation bereaction. The duration then of the paraceum depend on the propor him of encreased action, & the resistence haven on the our fare. If there were alway, oqual use should have, every fewer of equal duration; but they diter with nec--part to duration, the difference in which much depend on the Spasm being in greater proportion to the increased action, or the reaction not being sufficiently certed to overcome the Spasm. This is our general doctrine which une applied to particular & mentioned two cases. Where The Spasm is in except or where the reaction is in sufficient to disposite it, we said that an obstenate spasm would particularly takes place, retien in combination with the Diathosis Phlogistica. Me generally see this in Continued foron, & Intermettents are changed to Continued by causes that induce is diathour The opistica.

on is not ducky excited, to the handers is of long dum him, such and the continued fores arising from an Male of delicity. We reduce then the causes of the du

1. To an excels of has mound to the logistics Diations.
2. To a debility a rising from the first causer of fenet.

Intermittents by Senecection Softer great Evacuations we charised into Continued Sover, from the describe induced. This enables us more particularly to asplain the distinction of Continued levers which we reduced to her

1. Whome Inflammasory Diathering weerale, which

Le Symptoms of the former show Dea thesis, be the Caller Debelity. The only difference is that the haves described

the concourse of dymptoms in each of these forer as distinct be soparate, yet they are frequently in. termised be produce a fever participatine of the nature of both. The two states hoursoner news thepear at the vame period of the disease, but decrenerate from the one to the other, thete, in the bearing, in Inflam -matary state will prevail to a horizones lowards the end. Sonderwoured to deen that this depended on a change in the action of the causes during the dis case. When the ordinary cause of lever produces Bobs lity with a concurrence of an Inflamma long state, the Patter will appear in the hegenning when the Ligitimis vigorous; but the tehilitaling cause ac quering new power, & the System heing weakener. by the repetition of Paroxysms, the In farmmalore state is removed, bejethe forer is continued in the Denisones form. Thus then we have three Genera of continued levers, he synocha or pure Inflammatory the Syphiis or pure horocus foret, & the Symochine or Combination of both. Bur Boolrine Setsciuse ques the difference in Intermittent foren, the namelies of which may be different by hos of the Sortions Marlan.

or more important enquiry is concerning the converted - of this there ere lure cases.

1. Where the fower begins as a continued & changes to an Intermittent.

2. Whome the fever is at first Intermillent & is,

The first is to be applained on an Inflammalory state concurring at first with the causes of the Intermittent, which when diminished leaves the forcer
to its propen revolution to type - as in the Siphus the
inflammalory stole is chanced to the nervous, as the
inflammalory stole is chanced to the nervous, as the
change of the intermittent to the continued may be
which may be induced from bad practice, the id
which may be induced from bad practice, the id
which may be induced from bad practice, the id
quent coffee is this, that the rause of Sever multiguent coffee is this, that the rause of Sever multiplies to increases it's power, which provising an
stronger cause of debutily to meathering the traction
changes the Intermittent to the Typhus.

another modification of Sever occurs. I have supposed that the cause of Sever acting on the homeous system, in depondent of any operation on our fluids, may produce she the varieties we have over fluids, may produce she the varieties we have

Recapitulation mentioned, but in some cases the cause of fesser while it operates on the norvous System, offerts a change on the common mass of blood, & this gives the peculigr modefication I am to speak of. It may act like a forment on our fluids beproduce a state of fulred forest I mean only pulled ly in some degree, for absolute putrescence is incompatible with the subsistence of life. The distinction of fourt into butrid & non putied has been always obsomed, but without any preci the marks of which I have already delivered on this subject two cases present themselves. 1. The Introduction of a justrid forment. 2. The perpetual dispontion to tutrescency, which constantly takes place in the remoney even in health; which in fever from the relocally of the blood & the tone of the defeels with retion on the norwous dystem, may produce a state of putroscency or putrid forest without the Introduction of forments. Seitrid maller en our body promes a pour ful prede clorious deda lener, & ho nee the cause of lover I suppose more of esto la parlahe of el. Ils aforment pulsescency may go on to be multi

but may likewise he heightned in quality, but dis case that first came on with a strong reactions may by the encreased hower of the putrid forment be changed from an Inflammatory to a theroous state.

Theses are not the only distinction of Severs, for a complication may happen with the other Alena of these I the Byresien Stamorchage, On fluvia, 80 of these I have given marks to determine which is the

The difference of jover has been chiefly deduced from our general testrinos to shall next see how there were and the shall never see how there were supported by the phanomena that occur in the Gonom & Species.

methodical Nosolegy.

The first class, in the Synopsis Shave given, is not mentioned by any other Systematic - Sebris & By resein are Synonimous, with Jauvages. Sinnaus. has comprehended the three principal orders of the Pepraria, under the little of morbi Tebriles, in his Cavis Classium; his character of these Co sangue no. in Incourant proceeds from a bad Theory, which

Mithedical Sosology 198 affords a sufficient reason for our rejecting it. He like Sauvages affices the same mouning to Febres that I do to Opposia; for his Isanthemalici & they are monely to be considered as Projectives that have, the term Jelines understood. lagol is the ruly systematic that has formed such a dafe is ours - this hor calles Jolinis, his definition hours ver is curious & founded on the? anteent doctrine of protemature heat. The hocusearchy in my dato is that I have winted themor has followed the same System, & in his Genealoga mortronem has marked from under the same hoad We shall nach montion our eleveral Briders. the first order of Tobres is nearly the same within Januargoo; only I thought it necessary to their further destenation to add sine marks Pocali primario. The Jobres I divide into Intermillents to Comis niced to hence arises a considerable difficulty in distinquishing Remittents from Continued; une obsero of that they differed in the frequency wduration of their paracyom, but where we shall fie the bounds

is difficult to determine. Our distinction of these

these rosts upon the word Molabeli, which signifies that we can only distinguish them by the more of left a oundant state of Remission - l'ogel supposes that these Severs may be comprehended under the con Sinua, his Qualidiana continua à a Romellont of other Physicians, use suppose that they house (se) unided with Intermettent rather than continued for veneral scasons. For nothing is more frequent than for Intermittents to hegin like chemittents habune their our form after some time. with Siftent am. Chis. Tiere Intermittents often change into Bemillonts, of the latter are innumerable instances; a defected ly houroner occurs heat if we take in Chemittents no distinction is left for continued, but fundamentally they may all be the same. As it is difficult pre cively to ascertain the limits of from thent from Continued, we therefore arrange them with those to which they have the greatest connection.

Genera of Sever

I admit only three genera of Intermittents, the Section,

Luartan, & Luclidian: these we have mentioned

with Infiman & Senac in an order different from

the common because I would place the most uni

versal first. Senac rejects quotidians, and as to

the Sectana, Seplana, oclana, he he says they are obscure whave been very rarely observed, & when they are so they are to be looked upon as casual Sefortuitous, as no body has given an account of their continued need to would not house not think positively with respect to the operations of Malure, for the course of nature is often so obscure that some things appear to be deviations that are in reality agreeable to it. He obverses how over that a paroxyom of a tortian or quartano may be suppended, Schence appear a Josefanales Oclana, but when it occurs it is only an anoma ly in the ordinary Intermellente.

Venac achnowledges a Quentan, but as the quartano Estertiano arci so very universal il is to be prosumed they are determined to this course by a law of our system, & when any deviation re= curs, such anomalys are to be considered as lipes or varieties of the would forms, & not as distinct ar nera. There may be further accounted for by the paroxysms of the Sortian to Luarlan boing suspend ed for sometime; when the fever housever recurs of with return at the same period it would have Some had no interruption ensued, to honce or

lertian may form a deplana, octana, according to the number of days the attach was suspended. In our character we have hented at this by saying interrate quadragenta acto circeter horarum, that is to say to make allowance for the anticipation & finotraction of paracysms; for the Sortian, for instance, is not proceedly periodical for 18 hours, to the case of the quentan mentioned by tan Servelon arose from of protracted Luarian, whence these we only varieties of the common boundamental forms. Dogol has gone to cocofs in bringing in his mon-

struct, who ovidently mistakes the nature of Intermillente, Ho suffere when an intermittent is from duced that the original cause only arte in the link paracyon, but that the succeeding ones arise from the value of lever in general, the cause is not properly repeated in producing the after file; thus was han Sweiten's Girl who has a recurrence from being frightened with a mouse, & hora certainly there was nothing more than that Lakes as he calls it, which former har one yours had indued. l'agel on the other hand has asplained his monotrua febris on a congestion of blood in the homorrhoids or ulenes, where a lany term of

. Henses more or lefs of Forer occurs; but this is in consequence of the plethoric state of the Merus on which it depends, and when the causes are renewood the faver with be brought back which is quele opposite to the nature of an Intermillent. caurages has more proporty into duced this under the little of Ephomera men

Ballonius had a fewer overy 3 months, Nome have been requilarly attached every your, in. there raves there is no such connection, as betieren the repeated par oryone of Intermettente that depend upon a particular recurring rauses In proceed to enquire ef the genera of lestion Dequartan ares buely distinguished, for they are frequently intermired ofther in the came) enduidual or av an Phidemic, in that Inteans in July often change to Quartans in Softem bet - Honer then att our reasoning for the com benation of Bemellents with Intermellents confirms the Union of Tortians and allar.

In Sydanham spraks too strongly on this subject; her says the genera of discusses are

as distinct as those of stants; and after onumeraling some of the principal appearances of Lucardans, her vays that they are no absolutely distinct from Tertians are any hero plante; this however is not so much founded in observation as upon a theory of specific differences in the causes of disoasos, but such specific nature is not applicable to one of 100 genera; for causes are so complicated that in many cases we and not enabled to make a distinction of the accessory from the primary cause; nor is this Therefice nature of the cureses tolorably well) founded; it may take place in some orders, es the branthemalici and Profluero, but the varieties of Contagion producing fever are not so considerables as deflenham imagined.

In disouses there is nothing so fixed and propenly ascertained as in the case of lie ing Systems, or the Unimal and the getable) Kengdoms. In these: the Species and absoluting ford, and never change into one another; it has been alledged that Oats hands changed into Byer, or Whoat into Proans, but this is cotromoley destrious. Tomporary on welling may her stainary course.

The distinctly of accumulaty fixing the species of diseases, renders a methodical newology left advantageous them a regular arrangement in Botany of Tostogy &. The varieties I have mentioned and the frequent intermise ture of diseases much create considerable confession; but these are by no means general, for in most diseases there is a conceins and combination of symptoms that are steady to not liable to change, at least to considerable varieties. These occur much more frequently han those that are irregulat, and such we may have that are irregulat, and such we may

Tower and Upopleary are sometimes combined, beet we can 999 limes out of 1000 always dislinguish the Ideopathic desease, baltho Tertians I hardans are not so casily distinguished as plants, yet they are commonly so different us to be the objects of adifferent prognous and a different method of cure. This objection will equally apply to the inanimals parts of ma-

lure

nature, the fofil hingdom 800 where the limits are not precisely ascertained, and the differ ences are more imperceptible. But though rod and blue may be blended togother into a purple so intimately that the original conditions colorer shall not bor destinguish ed, yet we are comminced that they are de ... parale and distinct. The Union in deseases is analogous to this, where they are so com. precated and intemately blended thatities defecult to discover which is the Shoper thie diseaser but, to carry on the analogy, there are four purples in which me cannot discover one or other of the colours of which el es composed.

Des Sacn, in the of part of his Balio medendi, ques a number of curious cases, where
diffection had discovered circumstances of
causes of deseases, which were not apprehend
od from the external tymptoms from be
Sacnt- and he says, from the uncertainty of
our diagnosis, arts from the variety occurring
in diseases a methodic posology is impossible,

but by a pairty of roasoning we should, also give up the allompt to distinguish, diseases from each other. The principal question on this subject is, whether the method of description or definition should be followed in nosology. The method of definition has been finished to almost to all the links to almost the source to at tompt description in genera we should be involved in confusion; the latter seems only applicable to species.

The difficulty of arranging Tofsils is equal to that of diseases, and the species of boths are with lifeculty ascendanced. The mountain Chrystal is found in a cruede mass of the Jegures of an Straagonal Prism the variety in the length of the Gyramide, the proportion of the Bases to their Opices, the irregularity of their position, colour, 800, and so numerous that it is difficient to ascertain them by charaderistic marks - Ar Hile housever, who always allemple to make a farge work, has made this the foundation of sof anale species and affined frech names to each; his la

Genera of herer labours have accordingly proved unfortu nale, as no one has followed hem. The Bolanists having laken the leads in arrangement, have applied their me-Arod to desouses and fofails, which are not such proper subjects for their particular mode of Clafe fication, as anemale and lugotables_ Mr Cronsled proceeds in Mineralogy to class des, anders, and Genera, but below this there is no regular uniform Subdevision, and her accordingly has no where allempted hie dis tenchion of Species. It is the summer in dis cresco; what we call Genera are often bruely Species, and many subdivisions must be made hefore we arrive at the allemate species, uses must be quided by discretion as to the

and unite as disoreses differ or have symplens

in common.

I shall now consider the Species of Summages. These Species Shave arranged under the. little of the neveral genera in our Synopsis, & I have made two different divisions of the Genera in tertian Intermittente Interposita Opyresia, & Inter. posita Bemifsione lanteem. Physicians have formod the chief distendron between Intermittento & Continued beers, from the recurrence of the former with horror, bromor, be, many hourever are proper Intermittente that were unattended with those Symptoms. The first species of the Tortian in Sauce rages is the Torrana legelima. Shave thrown these species into A sascicelli

1. Consists of such as differ in the form of their lyfe. or in the Intermission of their paracysm.

2. Into such whose type being quien ore disten.

-quished by peculiar Sympitoms.

3. Whose type heens given, yet the disease is distinguished by the modification of causes.

A. Such as are distinguished by a complication of other diseases, naturally wentisely independent

of them. The tertiana legitimia is the fundamental form Sprototype of the Testian Intermellent. When it re-

turns regularly overy other day & the paracysm does not arceed 12 hours, it is called the Vertiana wera, exquisità, legitima.

The need species is the dertiana Duples. This has a paracyom every day, but those occuring on the 19183 day are similar, those on the 20 1 Ath day are also similar to pach other, but different from the 1814 3? Though this species has a pararyene civery day, yet it is known to her a tertian from the correspondence of the paraseisms on the 1818.30 and 2 & Ni tays. This being only distinguished from the Tertian by the inequality of the Acronysm & the differences in the hour of allach, Obeysicians have imagined that it would searce demil of a distinction, whence objected to its being made as different species. The improfinially then afore of trogel in forming a distinct Genera of it must be our dent, trislice more of dennaus who se parales the genera of double tertians and que hedians.

III. Species, Tortiana duplicata. This is a Jortean where two Caraxyone ha spen on the alter. nate days, i, a two on the odd, but on the over. days none.

1

W. Terliana lriplese. This has two fils on the altornale days, but in the mean, or 20 & 4. hdays, on by one.

Semilitious are proquently remillents, but they generally have intermifsions, i.e. apyroreia interpreta. The distinction indeed between Remillents proite. The distinction indeed between Remillents to Intermettents is by no means exactly ascertained, as a perfoct apprecia is perhaps in no tained, as a perfoct apprecia is perhaps in no ouse to be found. Ira rious accounts have been quicen of these species, be despoin who has his cufied the subject probly well mentions lura temi cufied the subject probly well mentions lura temi

1. Described by Hoffman, where the paracysm occurs every day, but a doubte fit every other day, but a doubte fit every other day, be this is the tertiana triples of Sauvages.

2. Described by Colsus, is not so distinctly mask.

2. Described by Colsus, is not so distinctly mask.

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2. Described by Colsus, is not so distinctly mask.

2. Described by Colsus, is not so distinctly mask.

2. Described by Colsus, is not so distinctly mask.

2. Described by Mer file of the a fore prince of the sold as the first of the sold form the file of the sold day soins that is former being itself to the 3, the Bemilsion in the former being atmost imperceptible. Physicians have observed that when the tertiana legitima turned to go that when the tertiana legitima turned to go that when the tertiana legitima turned to go that when the tertiana legitima turned to go

briples & hemelrilaus, which are all one species bronly varieties of the viregular tertians.

Mo must observe that particular fovers come on al particular times of the day, & overy dymptom. of fover is more especially in created lowards the overing, a greeable to the diesmal habit that re gulates our dystems.

The Quartan generally attacks in the afternoon

From A to 5. The Quotidian generally in the Evening.

The Tortian in the forencon.

And when the Intermillents are changed into lon

linued they have an exacerbation livica a day.

Ole paracyons of Sertians attack about noon,
beet if a perfect bolution does not occur, they come
on again tourands the evening, & become dupli

- cata's best without horror, 800

The double tertian is similar to this, for wholst the fover on the odd day sufficiently denotes it to be of the Tertian hind, the double paracysm to be of the Tertian hind, the double paracysm that occurs comes on only in the overing of the even day. These different forms however cannot give different species, wonly amount to our distinction

tenction of regular & irregular, or legitima & ille.

The Some quintana, a species of the amphimerina of Source good, is a solitary fact bevery solder lakes, place, and, when it does, is to he referred to the irregular tertians.

The Spieria to Subcontinua were truly the forms that tertians a fourmer when changing to continued for the Spieria is a fit extended about 12 hours, when Subscended is mentioned by Saurages from Walcar englis as a peculiar species, but it stoes not differ and the irregular tertians that occur in Spain, from the irregular tertians that occur in Spain, suffer warm climates. Walcarenghis has given us the best description of the Merrous fever, but on commining his account of the Lipuria of find it to be the same described by merealles, Sorti, 8?

I. Potochialis. These may readily a rise frome the long fanoxyms of Sertians, with subrofaction a necessary attendent on brotracted paraxysms of increased heat, may readily produce best this.

I. Emelica. De tromiting recompanies every for

Cal Thus the lungs; astma, affections of the organs of voluntary motion, Spilepsy, Sie, and Sauvages might have a dood what has been marked the Hypochondria.

han it cannot be a ground of distinction except. in degree, but we know majur & minus non variant speciem. There may be a Terlian where from a lopi. cal affection of the Homach a poculiar vomiling may take place tedistinguish the species, but Saneragos has not so limited it. J. Carolica. Symptoms in common we know dearce by apposed a distinction to genera & much left tooks cies, the Coma of Intermittents has been observed in all agos, but copecially in those called malignant Sortiuns where in a four paracyims the force is, changed to a Continued to otten proven fatal. J. Hemiplegia, differ in nothing from the lande ca which has been called dethangica apoplechea Soporosa, trather names expressing the different states of the dymptomis. Sortiana Ashmalica Replemea Epeloplica the mouning of which is, that while fever are affec hone of the nervous System, the chiefly confined to the Sanguiferous System they may be extendad to different organs, & give an appearance of the several disorders to which these functions, & the particular persons are predishound. Senac mentione a Lady whose lestians came on

with great loquacity; this must certainly have been a peculiar Ideosyncracy in the patient & not a change in the cause of ferret.

Ar Casimer Moderne has given an account of Intermittents, attended with Spasm arising even to Solvenus to often apopleary. This may indeed affect our forognosis but can have little influence on our foraction; nor doco it appear that such cases were frequent even in Spide.

I miliaris & Merticala. It is difficult to say what Sauvages means by miliaris, forthe makes a falses references. I can imagine that sweat in particular persons may gives a miliary brufilion, but this does not change the species & is lymptomatic mata symptomatis rather than a symptoma mathi. In thicata - mentioned also by Registorn as a symptom frequently occurring, but it only expuelses a degree of the disease.

Solverilica. Leghorn after mentioning the waricles of Intermittents, say that they attacked often with fixed pains that personated Hepatites, Thronetis, Bhowmatismus, Lumbago - but these, and only dymptoms of the cause of the descape, &

weak habit of body &

hence are not to be distinguished as species. The Spasm appears from Cleghorn not to be for feetly solved, & hence it's occurring great at first may affect any of these organs disposed to Spasm; it would have been better to have united them

Mon Spidemice Contagion produces Sence in wam scasons without phlogistic Diathois, then if the bhologistic pains appear they depend on the causes who fever But when they are produced to the sitting on of winter, the acception of cold produces the Inflammatory Diathosis, to Phlogistic pains the Inflammatory Diathosis, to Phlogistic pains accompany the fever feence Catariha & Such accompany the vernal however more frequently accompany the vernal

I an the unumning. I won the former differing in the Souloff only a case of the former differing in the Souloff the pain.

3. Fasciculus, recales to Sertians that have, different modifications from the state of their cause.

different modifications from the state of their cause.

S. Accidentalis, there the cause is not sufficient tile some occasional circum stance co-operates.

tile some occasional circum stance co-operates.

This only differs in degree from the regular tertian

+ Intermittents wiesing from the drying up of ulcers.

it is easily cured as proceeding from a weaks

I Scorbulica. This is uncertain, as the nature of referred to know little of the disease, the nature of Scurry in those days not being sufficiently ascertained. Etmuller indeed mentions it's being often combined with Intermittente.

I a teabie. Bunker & Newtor only mention his among the the remote auses, but to not protend

to explain it. \$

I siphylitica. This is a complecation rather than a real connection hetewoon the dues to intermittent, it is morely accidental, to therefore there; appears to he no found which her Sauvages practice of altreching the dues in order to cure the Intermediate of altreching the dues in order to cure the Intermediate. If moreung sid cure it I would conwider it as a more fact that moreung may some times come Intermediately us well as Lies.

1. Fasciculus, or a Combination with other dis.

I Perminosa. This occur in many spidemice Intermillents, wmay serve to agaravale the symptoms. A late Author, M. Prander, Bosch, has given in account of a Constitutio Derminosa, where

he has referred fever entirely to Morms, not only that they aggravale the symptoms, but hat the discases depends, wis modified by the presence of there worms; his chief argument is that the fever was cured by Vermifuges; but in this view the small activity & the success of the Bomedies ke) used, soom to show a mistation.

Remittent Sertians.

Srilcophya Deceptura.

I have not divided the Bomillent Species into Tasciculi, as formerly, the they are nearly ar-

ranged in the same order.

Jasewages gives a character of the doceptura from which no firm distenction can be made, but what is common to irregular ledians his marks and,

1. That the fratient has a sense of cold, while

he is warm to the louch of a bejstander.

2. Because the paracyon of the 22 day is mild

er than that of the ferst.

3. Intermission is more to more obscured.

1. The coming on of grave quedeunque bymploma. Upon consulting his authorities for this, I find

il is one of the malignant tertians wherefore

2. Causos. On the revieral of Letters men were)
well employed in investicating what was
known by the antients, in more enlightened
times Physicians have not strove left to achtein
every thing the antients advanced, to to model
themselves by their originals. The Antients how
ever are indistinct in their notions of the lypes
of fover, I kence their notion of causes has been
misunderstood it is an irregular tertian, con
misunderstood it is an irregular tertian, con
meded with the Amphimerina Hungarica (Palu
denosa & Biliosa.

In all the lemperate climates when marshy extluvia are raised by keat, the form the fevers personered by them about is that of perre tertians, personered by them about is that of perre tertians. These extlusion are more or less poisonous in different states, this depends on the nature of the matter, but experially on the action of heat & matter, but experially on the progress of the disease the cause has gathered so much strength as by the 2 or 30 fit to obliterate the hure tertian form, to generally brings on some symptom, which if it does not these the patient becomes purely if it does not these the patient becomes purely

remillent, and at fast perhaps the descare may return to its lestion form. The consequence is that between the first criequelanty in the pune lerlian to the state of andent fever, or Causes, More is room for some distinction; but according to no mothod whatever can wer say what and the species wwhat are the varieties as there are no precises limits between them.

The different Symptoms attending these, beachich from no sufficient distinction for heries have given rise to disserent names, as Leipyria, Ofthe irregular ledian. In this view they have been esteemed by the best limiters, Bronnigh considers no differences in them but as they affect thog nosio, & Malegaham distendly considers them as carrelies.

There appears then to me only two distincti ons of Torlians that deserve to be constantly marked.

1. The Regulat. 2. The Integular.

Some species of Saurages I have not compre hende, as the Tritachhya, Bratistaviensis, & Americana

Americana, but these seem to have no distinction, & Dringle has found that the Remettents of the lamp, & of the markes of thengany tents of the lamp, & of the markes of thengany & amorica are all nearly the same, & Distinct has still further confirmed this opinion.

Tritophycia dactea, is a complicated case of fover depending on proflecia - it generally comes on about a days after child bearing, &, and comes on about a days after child bearing, &,

Genus II. Quartana.

Quartana duples is of two kinds. 1. It is called duples when there is a paragyom on the 1. 2. Ith duples when there is a paragyom on the 1. 2. Ith corresponds to the 32, the 2 to the At - 2. There is another whose there is notit on the 2d to 5th day, but on the 3. I'm 6th by there is a slight owning paragyom, with is an acarerbation, a sweenble to the diumal habit of our System.

Quartana triplicator has three lits on the harday, but this is a solitary instance, and so contains, but this is a solitary instance, and so contains, to the regular course of nature that it's sciolence

is some what doubtfeel.

amphimerina Semiquartana. This is a quartan with a paracysm every day. It is not different from the Remittent Quartans, or Totartophyce, accept that in the fatter the Quartan period comes on with greater horrors.

The 20 Sascientus, after what we have this,

requires no observation.

The 30 Contains theeirs wich Januages thenha

are distenguished by Causes.

Quartana Inflientum : this however is no distenct species, & only differ with respect to the age of the

balions, the mother of cureris the came.

Quartana Splanchica. Laurages vayo it defrends on a congestion of the Spleen; this may indeed in everse, the love to but large everlings on the liverte spleen frequently remain when the desense had queto disappoared. This therefore Ironsider as the offert W not the course of forest, and in Do Medi cess despections there is a strong fact in favour of our opinion. In patients who had belious Symp. Some her found the liver was sound the the below was somewhat changed, but the splean was generally swelled to descased, and this is an argument

argument to me that it chiefly depends our Congestion, be particularly in the spleen, which from its Souchure bushaken is particularly disposed lock. Sphylitica Scorbuleca arthrelica une expunged from the species of Torlans, & the same argumente will held good here. Melastatica. This is the care of a Quartan afternating with an Ophthalmia. When ther oph thalmin comes on the quartan returned & ence versa; this danvaces considers as a metastasis of translation of martifice matter from ore hart la another, but this is aroundeeft, for many ail mente afternate without any such hanstation of maller. This may horan instance of Sortians be Quartans combined with Photog masie, to these have. the offect of ablilogating more & more the regular appearance of the Intermellent; thus we explain the arthrelica which often alternates with Inter--millents, & like other Ablegmasia may obliterate the Informillant. the Intermillent. & Amons. This was absenced by Spenkam, but by no one since, wat any rate cannot be conditioned

as a species of Quartans. Sotar Tophya Simplex, does not differ from the Suarhana Triplex, except in the degree of Execubation Totartoph. Somitertrana, a small variety of the formet. Scharlophe Maligna, comesunder the same head Tolardoph. Cambica, analogous to the comalosate Totartoph. Splenalgica & Heptalgica are obsone ed for the cold fit of Quartans & of langer contin nance than any other, & therefore mey occasion. greater congestions in the liver trapleen, but by no means a cause of fever. The Remittent quartans are not trucky to be distinguished from the Intermellents, except as species or narielies. Erratice. Those I have mentioned as varie. Lies of the Sertian W Quartan lyper; the Smalina Arega is generally a Symptomalic fever & makan Intermillent.

Genius

Genus III. Quotidiana.

The existence of this is denied by some, to by ale supposed to be very rare. Moreurialis never saw one in so years practice, in a country where

Intermellents are very proquent.

Saurages only founds his distinction on the fils
that happen overy day being alike; that the limes
atallach too in Indidians are the same, to occurin the morning, whereas the fil on the even day
of double leitians is Sighter (weamer on in the
evenine. The evenine paraxion bood double)
lestians is allended with little horner, whereas en
every fit of quotidians is altended with consider.
wery fit of quotidians is altended with consider.
Lion traspecially upon this account that Quotidians
we far left aft to men into Bemillents than houther
testians.

I have entirely left out the Questidiana subcontinua,

it being an irrequitar tertian

Qualità Partialis. If this convages mentione me case, van Sweiten hoo, to the medical Thays of Editor in her righ one. This is a haroserum of fover confined to one part of the body & not certonded to the whole. I observed a partial Quotidian where the paraeyem

returned every day, with call thorror in the feet, followed by the halfit; it extended to the legs for thinghes, but never higher than the haunches, we was stopped by the barks

This is a very curious proof of the Muscular fi-

This is a very curious know of the Muscular fibres of the Arteries, that they are not simple Plastics, but any proper muscular substance enduced with a tris inside that act to respect considerable changes in the circulation independent of the heart.) 2. Systerica Spileplica Sofronosa, require therame remarks as lostians so quartans distinguished

by Sumptoms.

The lephalagiea is a partial quotidian. Met Sonae observes that he has frequently seen some prenticular symptoms return periodically, thus hains in the head which are sometimes throthing, Ithhal mias too he says often recurr at the periods of fits wich explains the plaintica as mentioned above. I have seen such Oph thalmias which as they be came more permanent to consideration the foret hecame more irregular. Senae mys that he has seen the periodic homicrania ceturn with poat violences every day at noon. Secret facts apply to the topical action of verse's when achs by are nearly

unilary

really local fevers. The forer thus lying under a remarkable Symptom have been called la rinti. Remittent Quotisians.

The Speala & Shricodes form what has been called Algida, & the Syncopalis Cardicea & Sumenosa, morarelies of the same

Suntidiana Calarrhalis & Latrea ares to be adde to the Lo Jasciculus of the Bemillonla, these are Symptomatic, hus the Catarrhalis Anginora, Jufi culosa, Pariolava, Irhirlica, Everby no means come under the like of qualidians.

He have now linished the subject of Intermettento & from the wholeich appear that the principal die Unchion to be moderie into Coquilar & Irregular.) Thes fint admit of no distinction important enough to influence provelice, the unoquelar armit of many divisions des hos lestiana duplar, dufficala, Hometrateus of Authors, but these new notion reveral well founder. Spigelius uriles coprejety de febrer de meterliana, montrons under this little almost every erregular to which tertians are late they have been also. distinguished from particular Sumptoms. Merealus, Jorle, Morton & alighern are the best

writers on this subject, Where will concur in informing you that these symptoms are oflet No consequence to practice; Juille not however assert that they may not lead to particulat practice when more accumilely considered.

Another distinction is that Intermettente first begin in the form of continued, but soon return to their genuine type, thus displaying, according to Sy denham, their nature segenius. At other homes They begin as Intermellents betorminate in lon

linuice forers.

In the first case, the Diathosis Ohlogistica subsist ing, gives the continued fever, but the destative cause of the fever weakening the lone of the arteries, give at length according to its dagree a morrous or Informittent fever as we coplained before. In the 20 lase the vinilence sequantily of the cause enercasing from the heat of the fores, gives a horrows Continued Sighe.

Continued Feners,

there is some reason to suspect whether all these at bottom are not Intermittente, atany rate the distinction between them is difficult.

The first distinction is that Continued fevers subsist for some days without any remarkable remession, whereas such as recur with horror or great remission are universally Intermittents.

day may be l'antinued, and this appears to the

best distinction we have.

Genera of Continued Fevers.

Show they have characterized from their duration; this however is exceptionable, for they unde district under the same Ganus, their durages has marked the Iphemena didate ma, which is certainly a species of Syphus under the Sphemera.

Progol is equally faulty, in comprehending almost the whole under his Synochus, His Epiala lauses Lepyria, Phriodis, dyngodes sone rediculous as genera, since we have found them not even har give different species of Intermellents to which they belongs The best distinction of fevers seems for

Inflammatory and Nordous.

This we have adopted in our Synopsis under

the names, () Q synocha & Syphus.

Those however are not always separate, they are often united, bushen this is the case the Symp toms of Symocha appear first to afterward those

of Sophus we oxplain it theis,

Joiner depends on a Sedalive pouver proceasing in the System, Whis is often a ceptic ones. of the cause is moderate the ferer produced is Intermet dent, wil considerable, Typhies; but it it happens, is is frequently the case in our northern Climales that the Inflammatory diathesis subsists, they symptoms of this wife appear at first when the system is lefs debilitated, but the dedaleise cause encreasing, which will especially happen from the increased heat given by the phogistic Brathes !! down removes this, and gives the four therform of y phus. of the cause; as frequently happens, renders our fluids putrescent, une get the fobrie pulnda, as Operies of Synachus.

Genus W. Synocho,

The Synocha a Phlogosi is a Phlogmasia, & the Mon struct Vaclow belong to the Orders Ha morthagia & Proflueria. The Synocha Cophalagica is merely importantio, to the Synocha a Scabie to Ingeda cere) too solitary to form Species.

The Mothers is especially testinguished by its cause, it arises from cold, without Contagion, but, if this Past fact was fully established in all cases to would be a sufficient ground of distinction from Typhus which commonly arises from Contagion. The Sphemera we handwhile under by macha as far as could be dones with propriety. Cauvages enumerales many from Remote Causes, which may all however be reduced to the head which may all how many direct Stimuli mentioned mone would produce Tower without to head for hind money would produce Tower without to head for form, and there fore cannot belong to there is an locale primaria.

The objects of Steat, Exercise, Mine Sie and by in the ducing a Debetily the k gives an apportunity for the about the observation of this, and thes causes onthe a Boot the objectom but in proportion to these proceeding circum dystem but in proportion to these proceeding circum dystem but in proportion is more finitee to such Solion.

with lord to Contagion, but it often operates singly &

houseser ascertained. From the instances of tran Survivor it appears to be frequently Intermittent, and as it is a debilitating cause use should be poel Typhus rather than Synocha.

The Trapella & Satisfy may be easily demilled for in ardinary digestion of the most soluble food we have some fre quency of hulse which is often he ceded by Sorror. The pulse will especially be allered if the Stomach is long loaded with indifficult ble food; when this occurs alone it is solden of any consequences, if it concurs with any other force it only aggreeisales beet does not changes the Genus to which it is united.

The only lower Synocha then seems to arise from lotd, though it is a very page occurrence, for lold generally fireduces some lapical affection with it, as through to forestart, lengther money, so I am dis fraid to consider these Oble grasio as principal dumphoms, and Tover use may allow to be in qualer brotharhon according to the degree of lopical affection, and these may be considered as Symptoms of their, and these may be considered as Symptoms of their, and him any discusses.

Sauvages gives two other Species of Sumocha, the Sanguenca & depuratoria. The first Burenus has

described under the little of Synochus Simplese? When this Synocha is extended beyond a cortain time he gave it the names of Synocha fulris, and when the pulrescency had affected the blood he called it Sangunoa.

The Sudatoria which is the depuratoria of Syden ham is difficult to ascertain, and as this description on of a species is not described by Physicians, we are disposed to imagine Sydenkam was mistaken.

Genus V. Syphus.

This Genus is characterized by the Lymphoms that as of property a state of Dobelity; Sauvages of primary that an action from the suites, which he has edimated for low, and therefore our addition of plenumge of project on se was necessary. This chanacter however must be received with an exception to Comalase; must be received with an exception to Comalase; have where the pulse is far from twing frequent.

The Sophers Costronies is not a different secrees from the price Softhus or Persons force of Bucham.

The Softhus Corcerum of fir the Chingles arise of from a Contagion of Tuman Ifluing becoming wine fort from a certain degree of tent and want of tent literation. The Marchy Miasmata generally ower follows.

Intermittents, & their varieties human offlueria Lighti. I must add here that Intermittented Continued forces are specifically distinct, becauses Continued Lovers are connected with human offlueria, and when the mark offlueria give Continued force it may be doubtful, whother human offlueria do not concur.

The Syphere May pleace so badly described by Alpines may be referred to the Irregular Sortions. The Seterodes & Sudatoria with be better dissified hereafter.

Trito ophya Typhories is characterized by Sauvages from appearances of the inclinent at the beginning, but many Typhi before they of sume their proper of form have shight vague Leave that was.

Genus VI. Synochus.

Seprochees Ande not they reglocked what the antients had observed, but they was a side of hya and therefore Intermittent destricted. This was a side of hya and therefore Intermittent destricted. This may be without londagion introduced from putres ency arising frontaneously, & hence might be called synoche, but that it is your ally

generally Contagious I shall show hereafter.

Syroches translosa Dysenteriodes. Afterham, observes that the matter of theses may break out in the form of the matter of theses may break out in and have not been remarked by latter observations. In all the faultid thecies it may be a doubt whether Inflammatory Diathesis always concurs, or whether the cause may not act like officien as diminately first and afterwards Sodalives.

The Sochea is a genus dymptomaticism, every be cies mentioned by courses being symptomatic. —

End of the First Bolumes.

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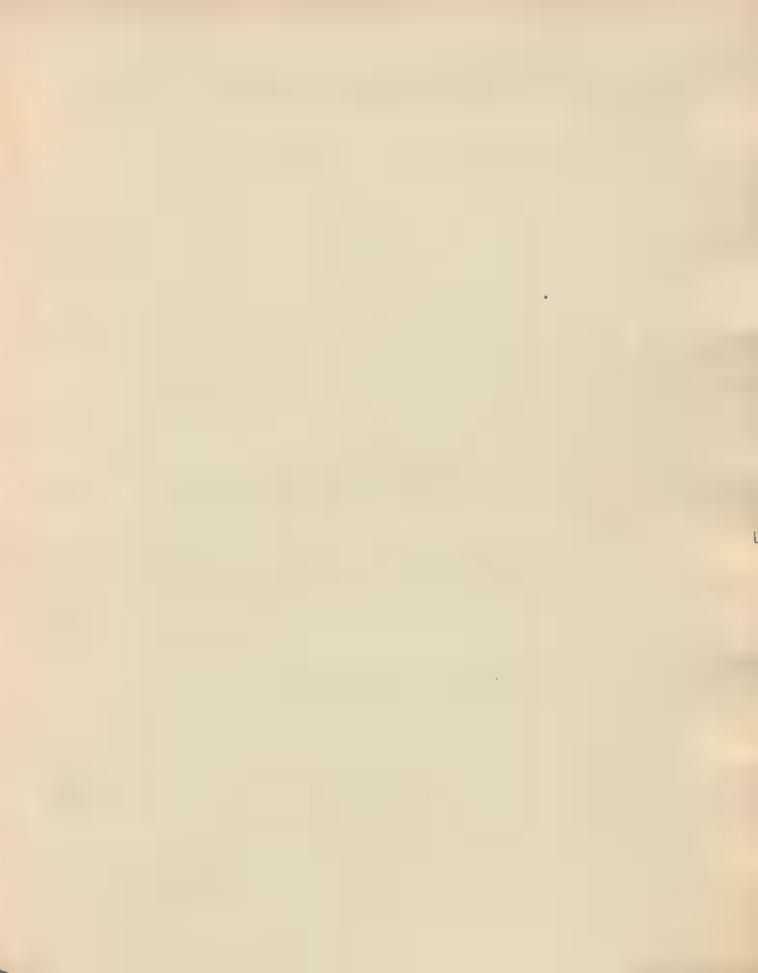
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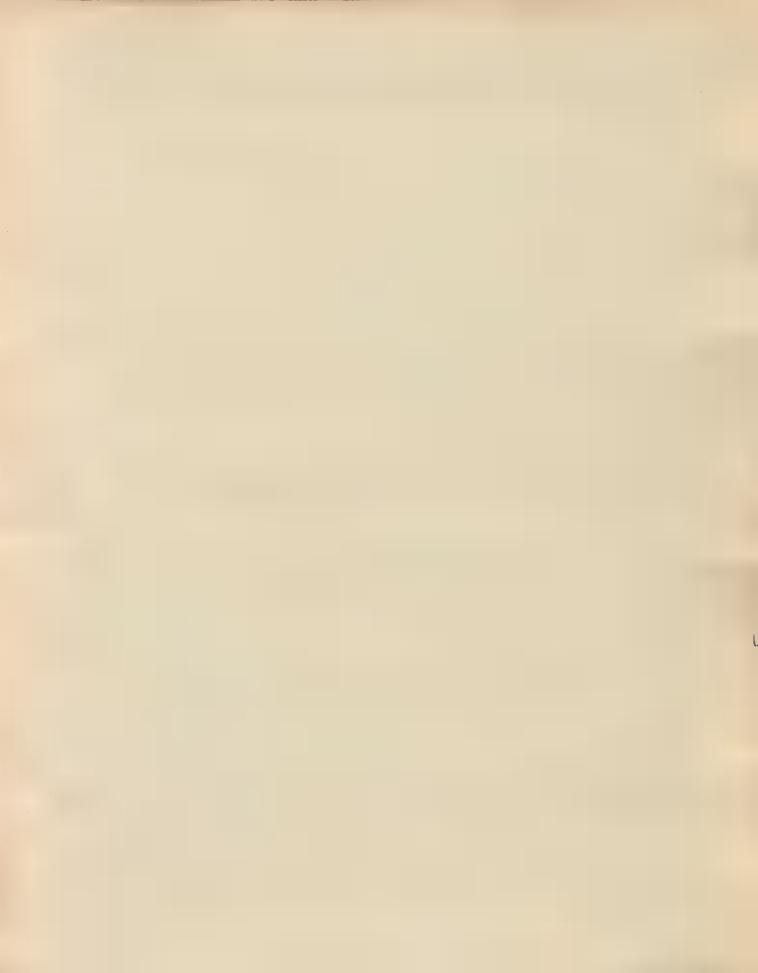


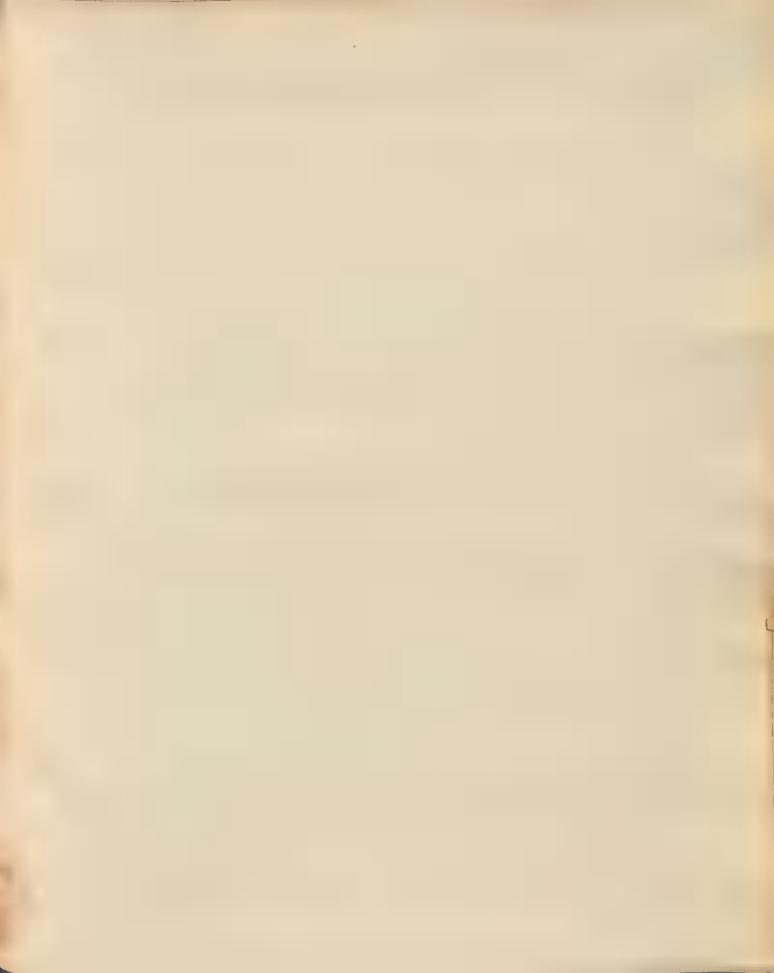






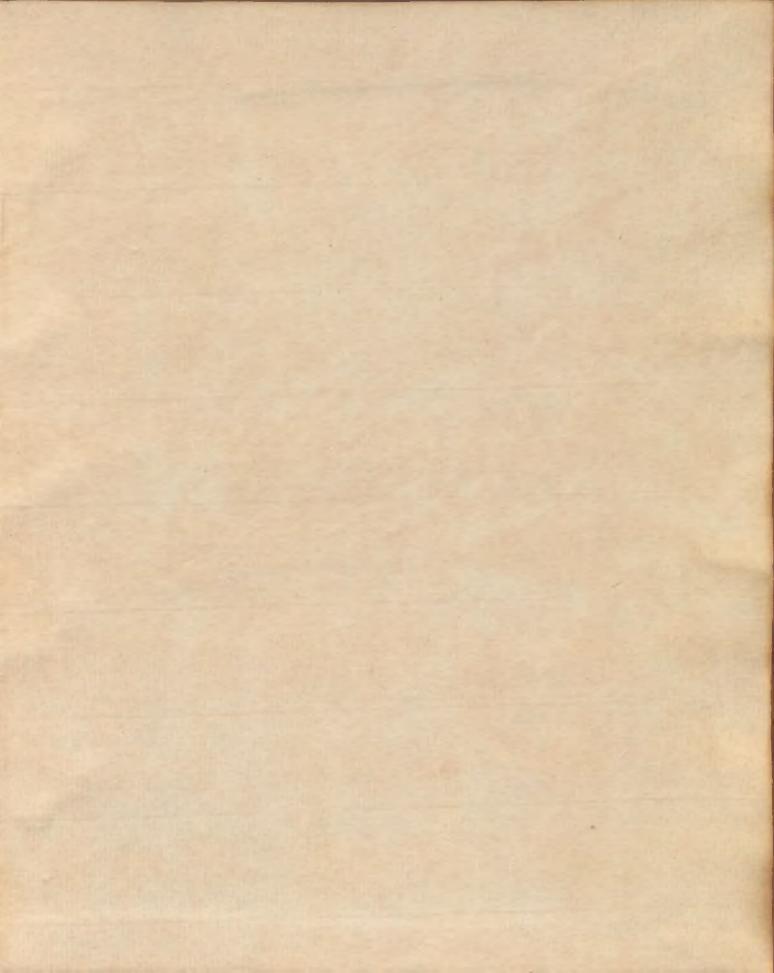














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